

# Water Resources Survey

RECORDS  
MANAGEMENT  
WRS COPY



Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS  
DESIGNATING THE SOURCES OF SUPPLY

## Sweet Grass County, Montana

Published by  
STATE ENGINEER'S OFFICE  
Helena, Montana, July, 1950



# WATER RESOURCES SURVEY

Sweet Grass County, Montana

Part II

Maps Showing Irrigated Areas

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Helena, Montana  
July, 1950

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Hon. John W. Bonner  
Capitol Building  
Helena, Montana

Dear Governor Bonner:

Submitted herewith is a consolidated report on the Water Resources Survey of Sweet Grass County, Montana. This work is being carried on by funds made available to the State Engineer by the Thirty-first Legislative Session, 1949, and in cooperation with the State Water Conservation Board.

The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

Respectfully submitted,

FRED E. BUCK, State Engineer



### STATE ENGINEER'S OFFICE

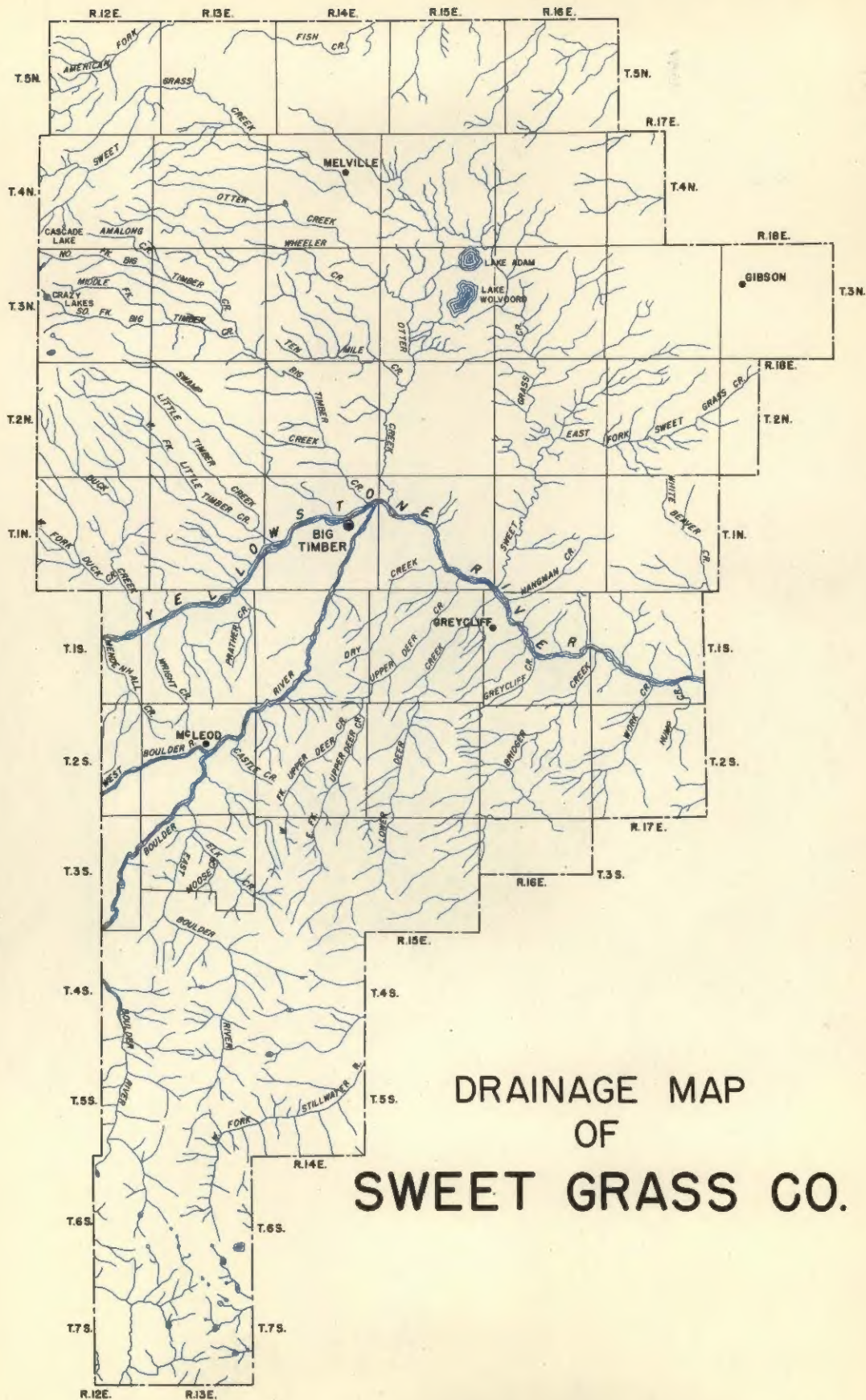
Fred E. Buck ..... State Engineer  
Hans L. Bille ..... Assistant

### STATE WATER CONSERVATION BOARD

Governor John W. Bonner ..... Chairman  
O. S. Warden ..... Vice Chairman & Secretary  
C. H. Raymond ..... Member  
John B. David ..... Member  
Fred E. Buck ..... Member & Consulting Engineer  
Ralph H. Fifield ..... Chief Engineer  
R. J. Kelly ..... Assistant Secretary

### MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. Monson, Irrigation Engineer, Consultant and Project Leader, Bozeman








## *MAP SYMBOL INDEX*




### BOUNDARIES

- COUNTY LINE
- NATIONAL FOREST LINE



### DITCHES

-  CANALS OR DITCHES
-  DRAIN DITCHES
-  PROPOSED DITCHES







### STRUCTURES

-  DAM
-  DROP
-  FLUME
-  GAUGING STATION
- +++ NATURAL CARRIER USED AS DITCH
- PUMP
- PUMP SITE
-  RESERVOIR
-  SIPHON
-  STORAGE TANK
-  WEIR
- ⊖ WELL

### TRANSPORTATION

- === COUNTY ROADS
- == PAVED HIGHWAY
- +++ RAILROADS
-  STATE HIGHWAY
-  U. S. HIGHWAY

### UNITS

- AIRPORT
-  CEMETARY
- COUNTY SEAT
- FAIRGROUND
- FARM OR RANCH UNIT
- ◆ FISH HATCHERY
-  LOOKOUT STATION
-  POWER PLANT
-  RANGER STATION
-  SCHOOL HOUSE
-  SHAFT, MINE OR DRIFT
- \* SPRING
- ⊕ STATE OR NATIONAL MONUMENT

Township No. 5 NORTH

Range No. 12 EAST

County SWEET GRASS

T. 5 NORTH

R. 12 EAST

WHEATLAND COUNTY

MEAGHER COUNTY

PARK COUNTY

LEGEND

PRIVATE IRRIGATION

AMERICAN FORK RANCH DITCH

AMERICAN FORK RANCH & TRONRUD DITCH

TRONRUD DITCHES

C.M. REIN DITCH (NOT IN USE)

SWEET GRASS CREEK

REIN DITCHES

REIN DITCH (NOT IN USE)

SAM BERG DITCH (NOT IN USE)

SWEET GRASS CREEK

BRANNIN DITCH

SHELLROCK SPRING

WARD-PARKER DITCH

SWEET GRASS CREEK

BRUIN CREEK

CASCADE OR HELL ROARING CREEK

BEAVER CREEK

HARRISON CREEK

NAMSEY CREEK

GALLATIN

McFARLAND-WHITE DITCHES

HOPKINS DITCH

HOPKINS DITCH (NOT IN USE)

McFARLAND-WHITE DITCHES

TRACE OF OLD DITCH

TRACE OF OLD DITCH

HOPKINS DITCHES

C.M. REIN DITCH (NOW LEYD REIN)

MUIR DITCH (NOW REIN) (NOT IN USE)

MUIR DITCHES (NOT IN USE)

FIRST STANDARD PARALLEL NORTH

FOREST

T. 5N-R. 11E

T. 4N-R. 12E

SOUTH FK. AMERICAN FORK

MINERS CREEK

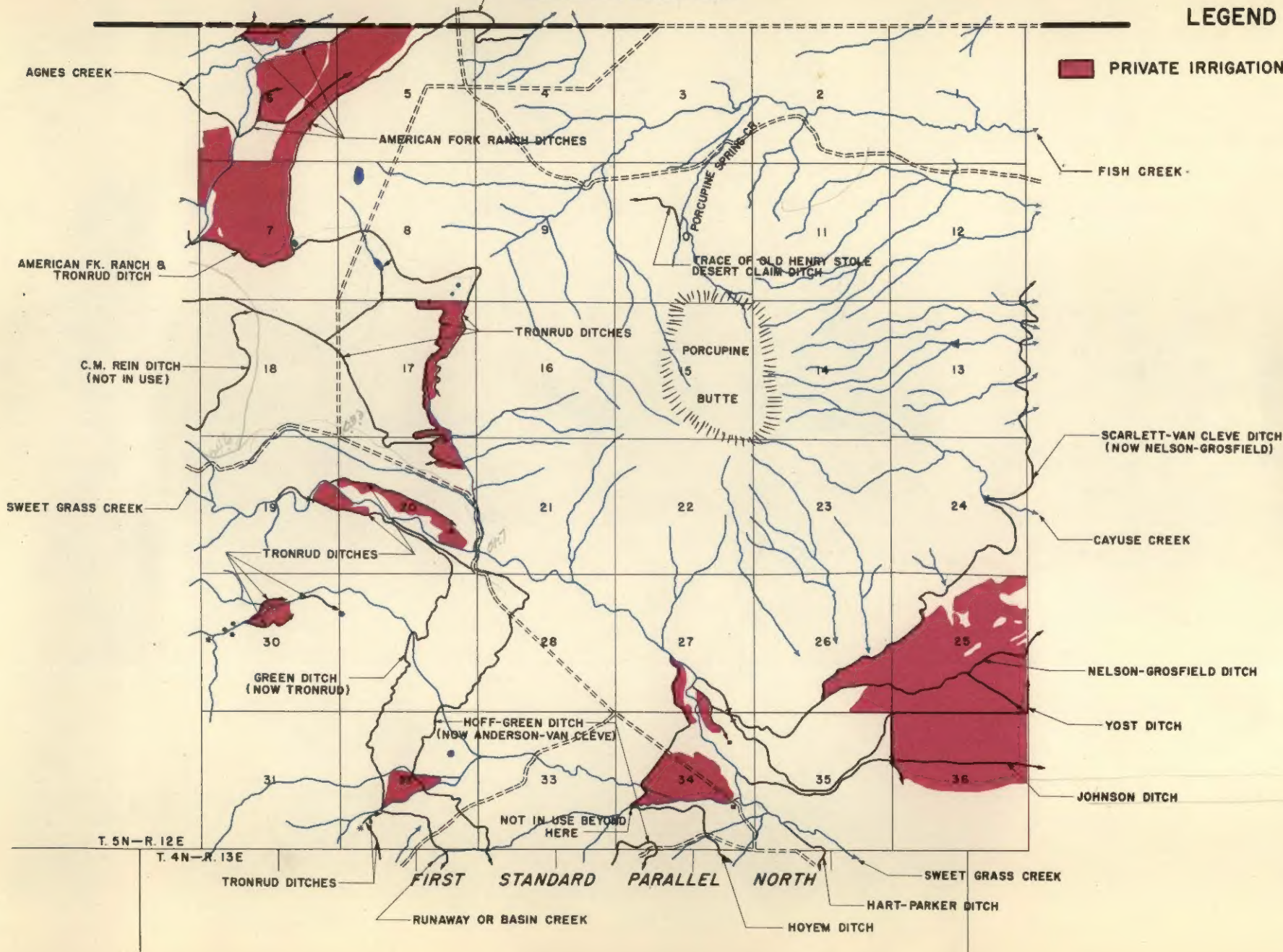


WHEATLAND COUNTY

AMERICAN FORK HIGHLINE CANAL

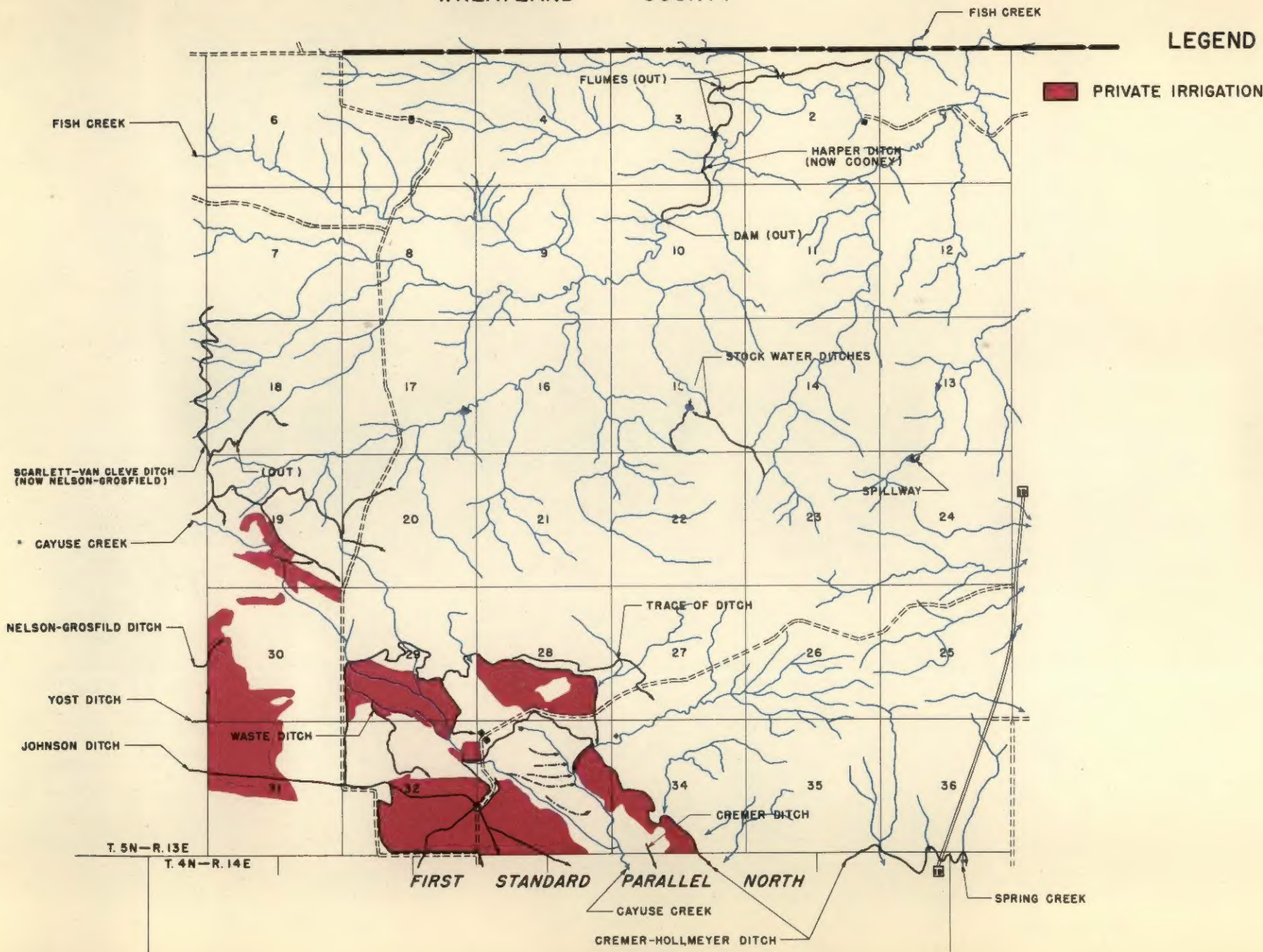
LEGEND

PRIVATE IRRIGATION



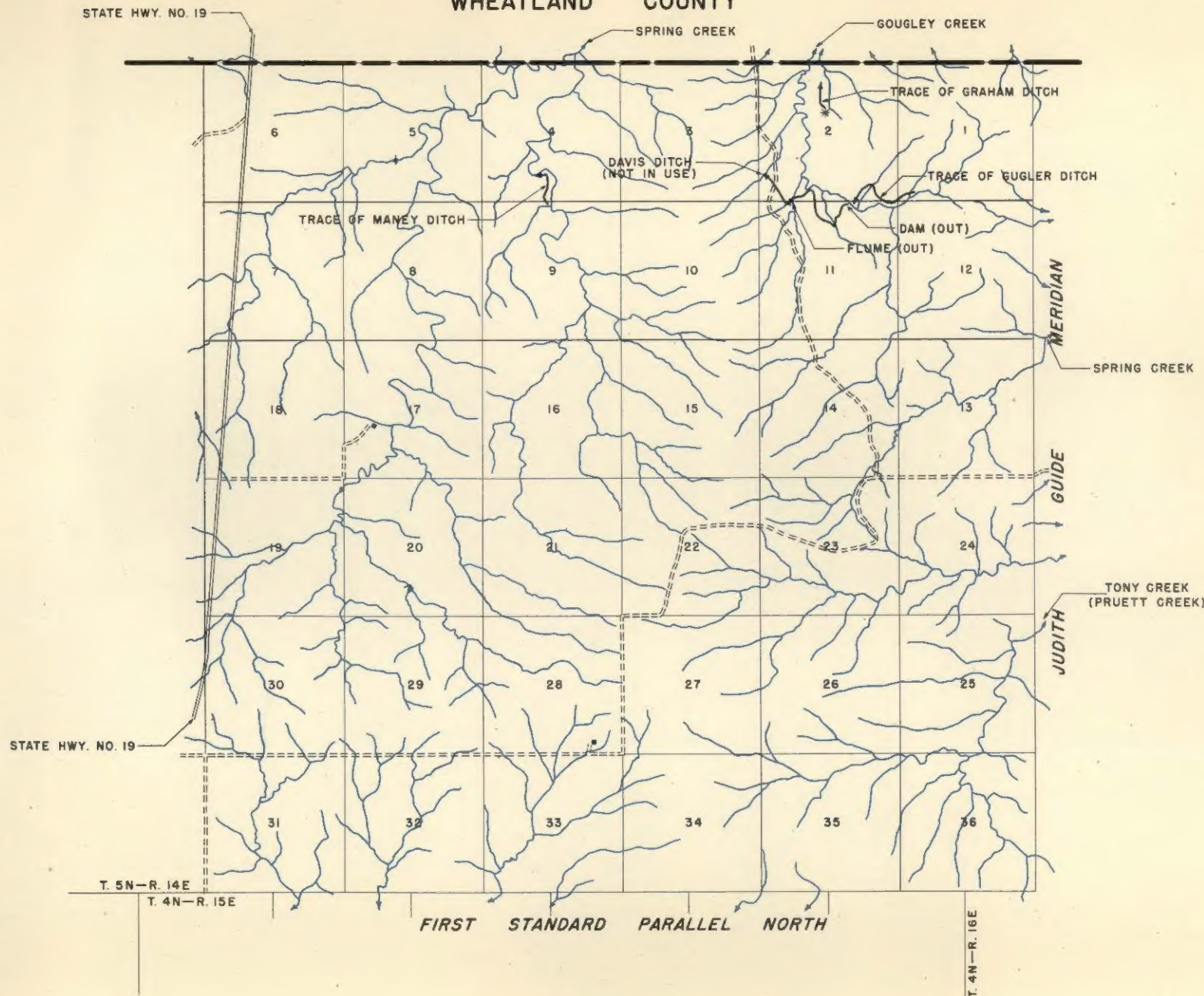


WHEATLAND COUNTY



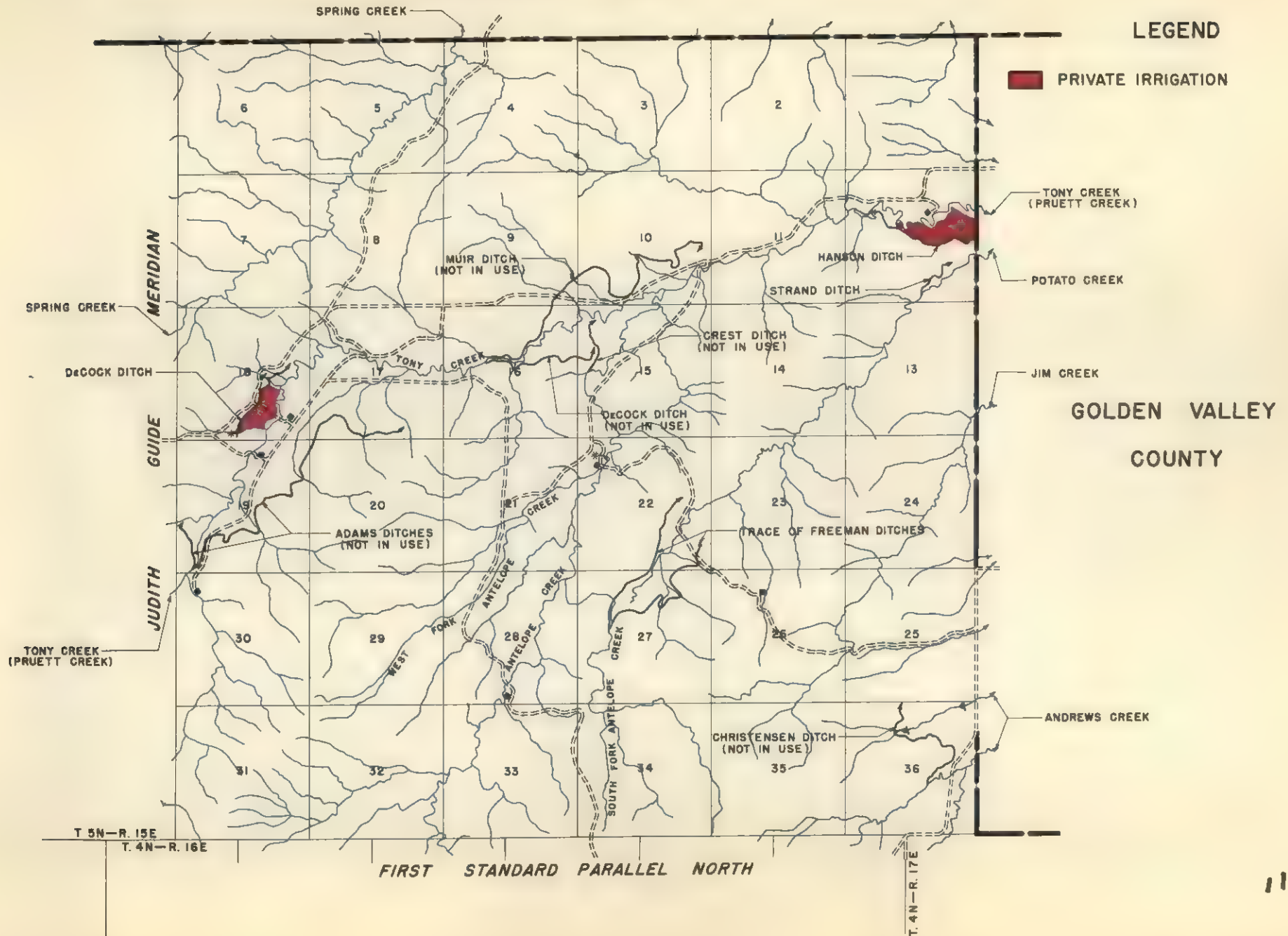


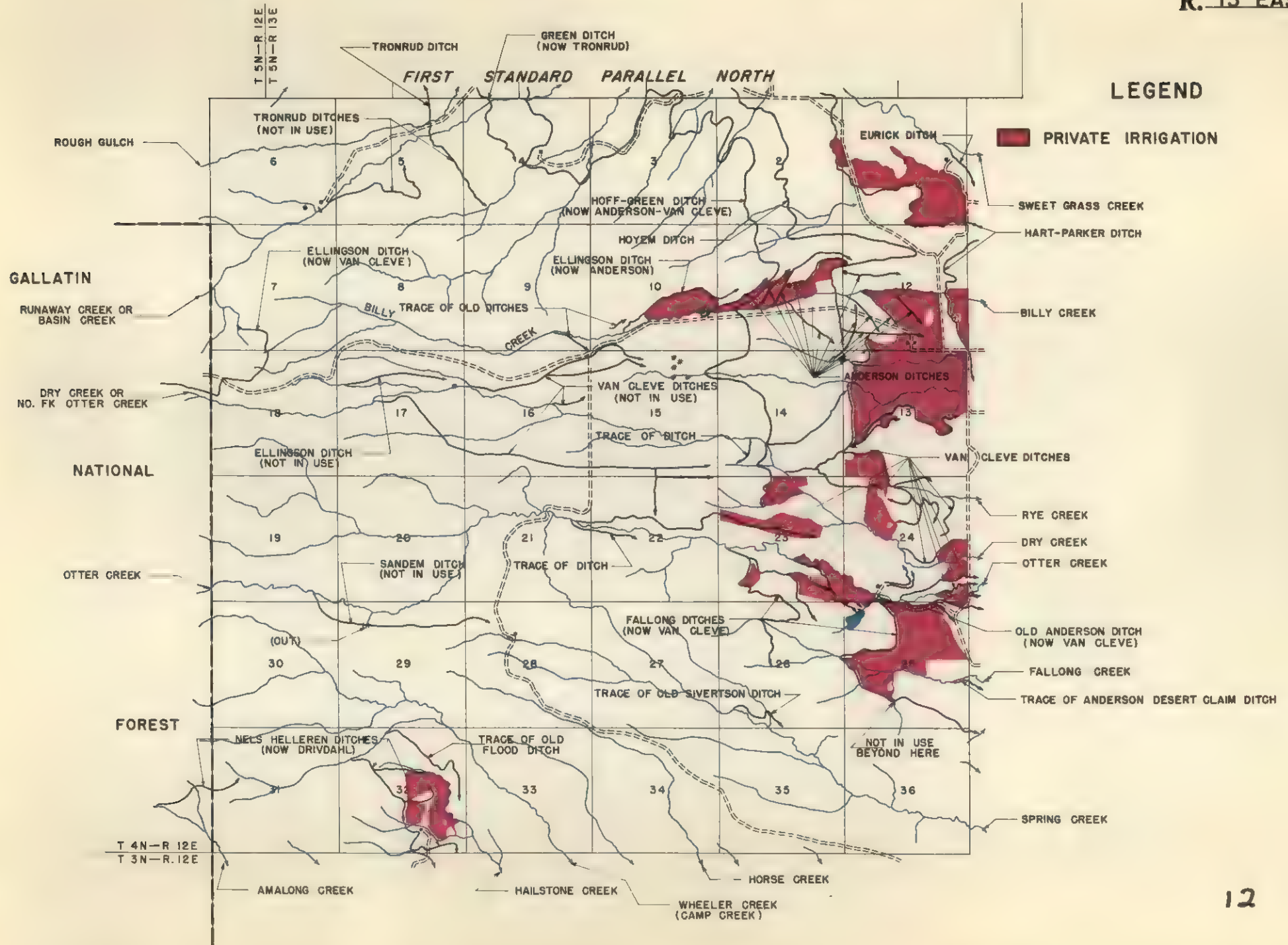
# WHEATLAND COUNTY





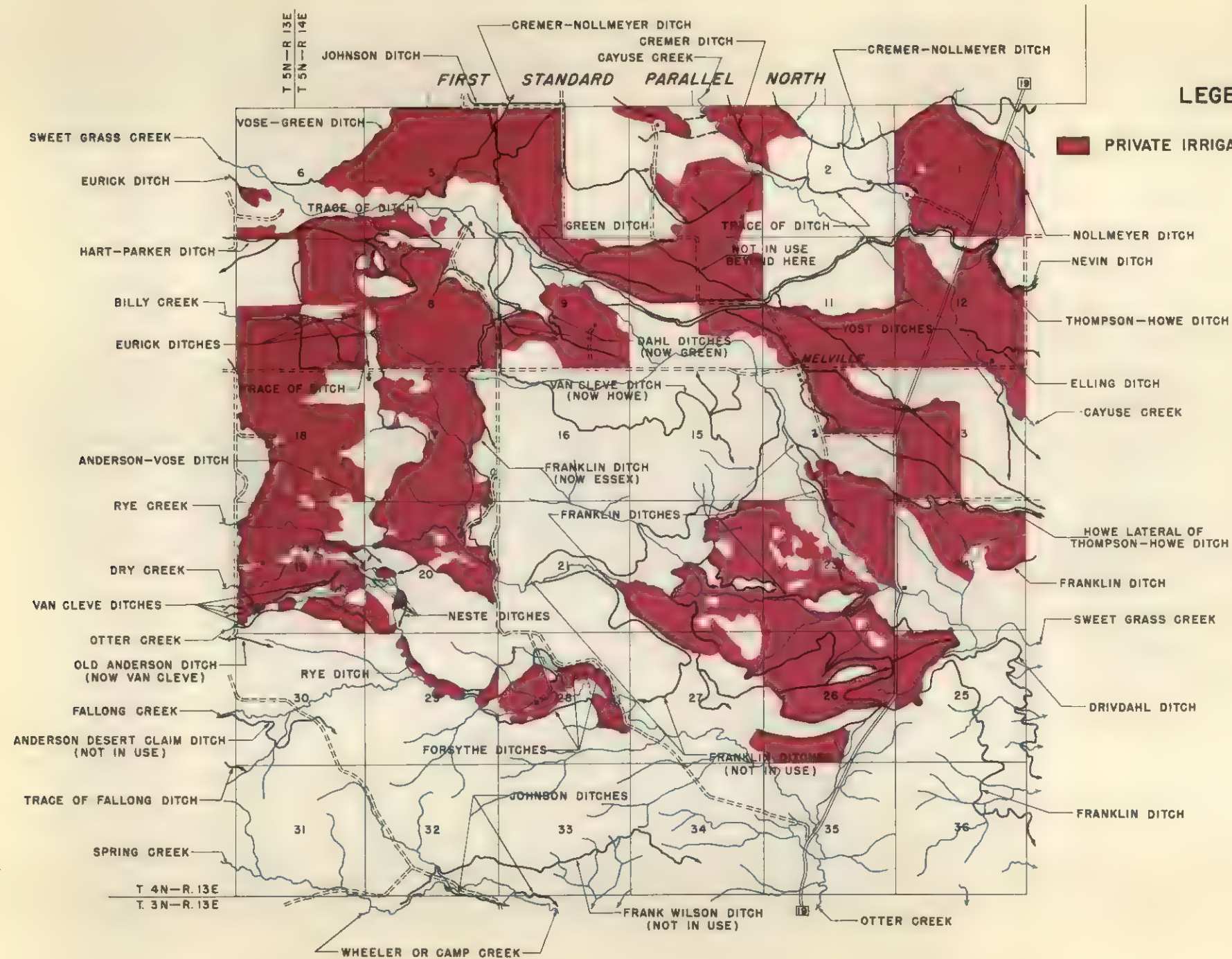
## WHEATLAND COUNTY

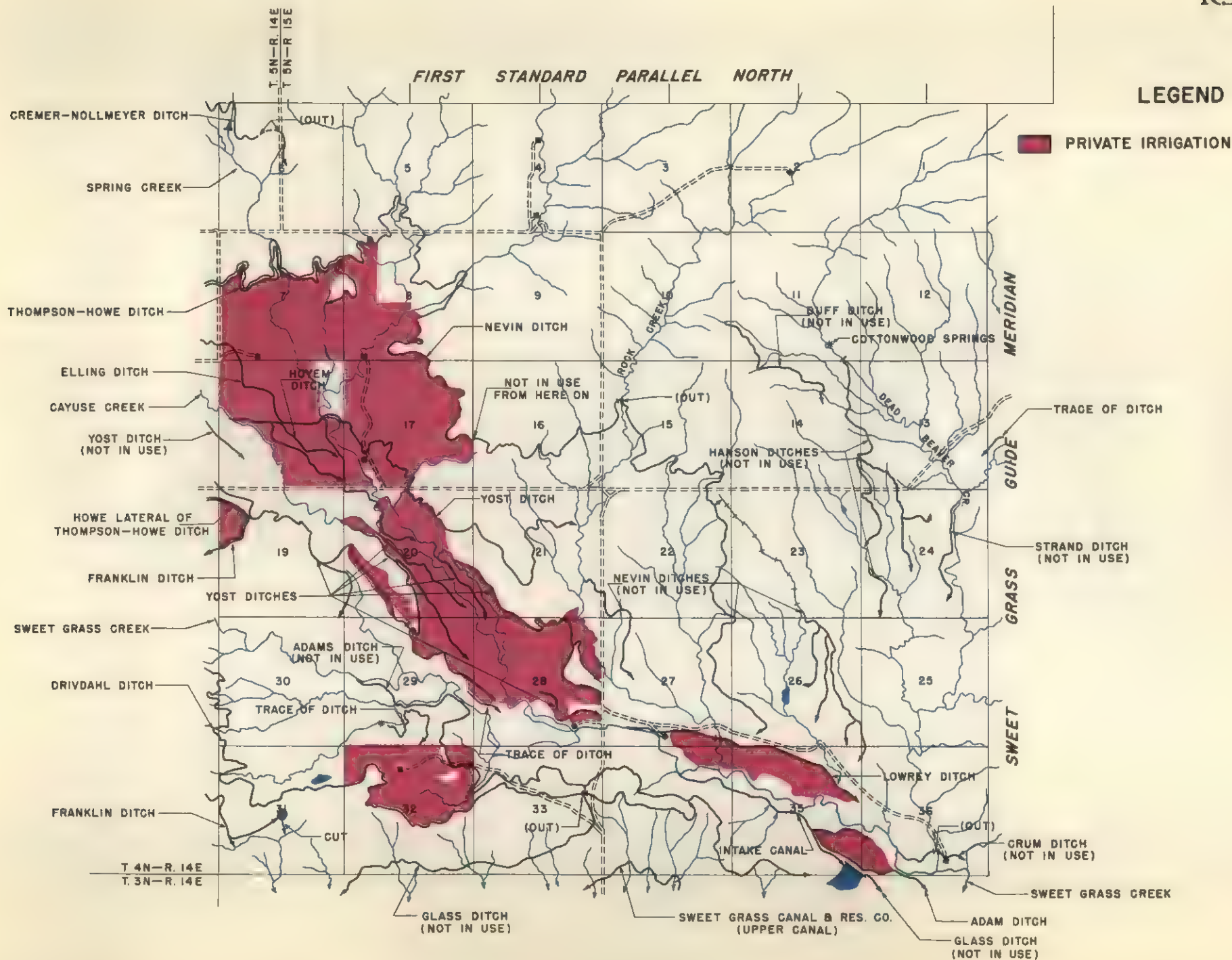






## LEGEND

 PRIVATE IRRIGATION





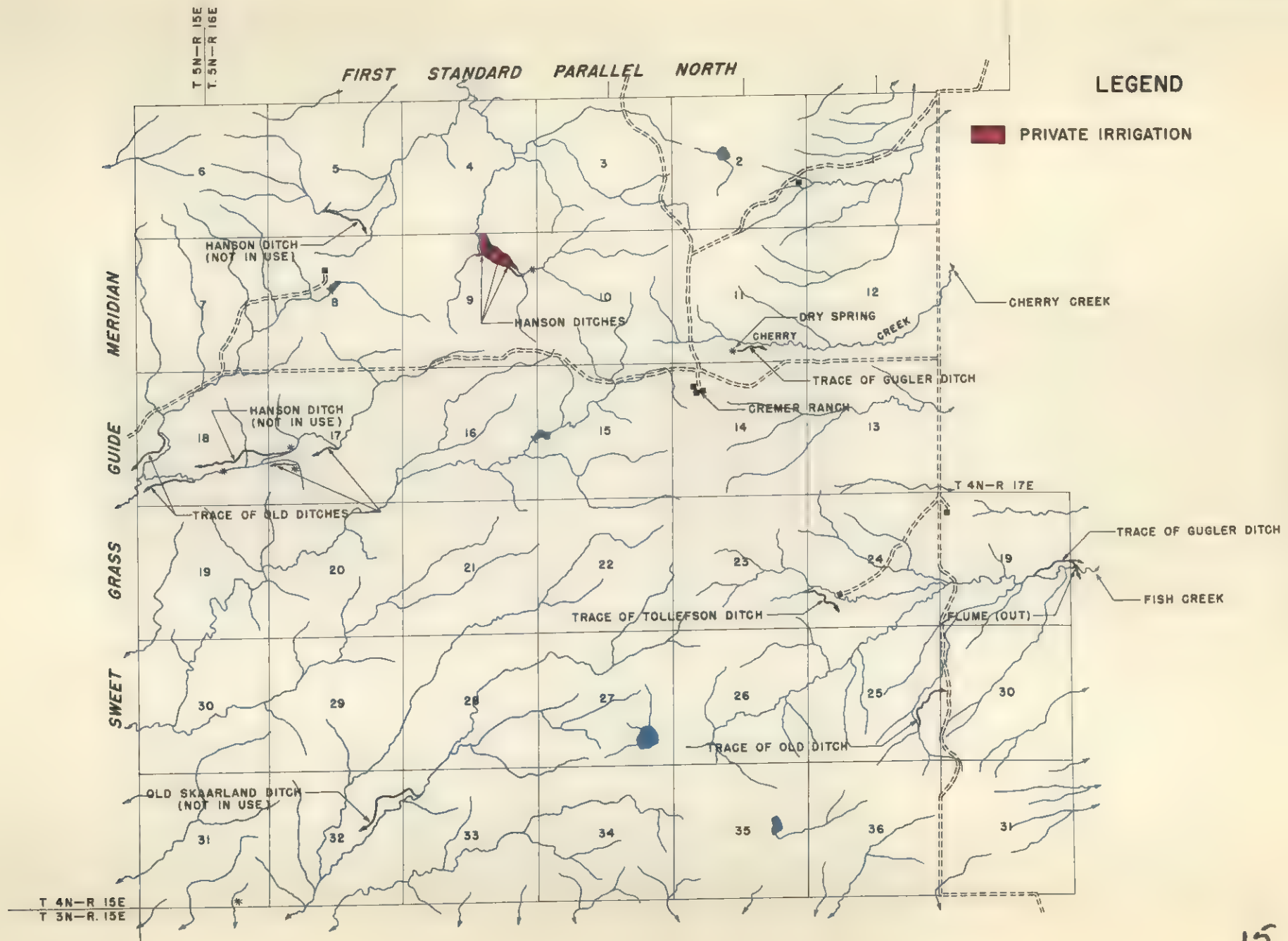
Township No. 4 NORTH

Range No. 16 EAST

County SWEET GRASS

T. 4 NORTH

R. 16 EAST

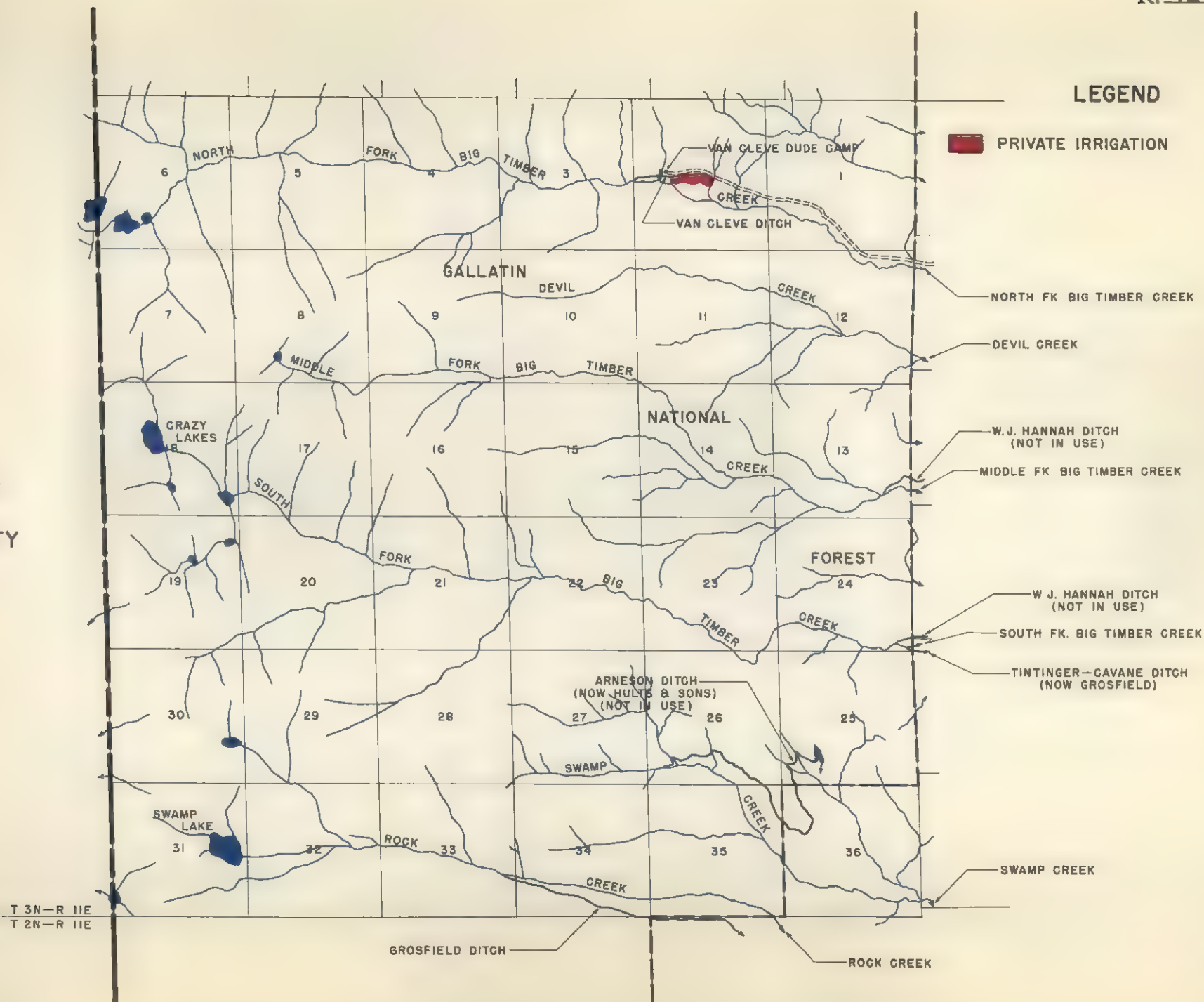


PARK  
COUNTY

## LEGEND

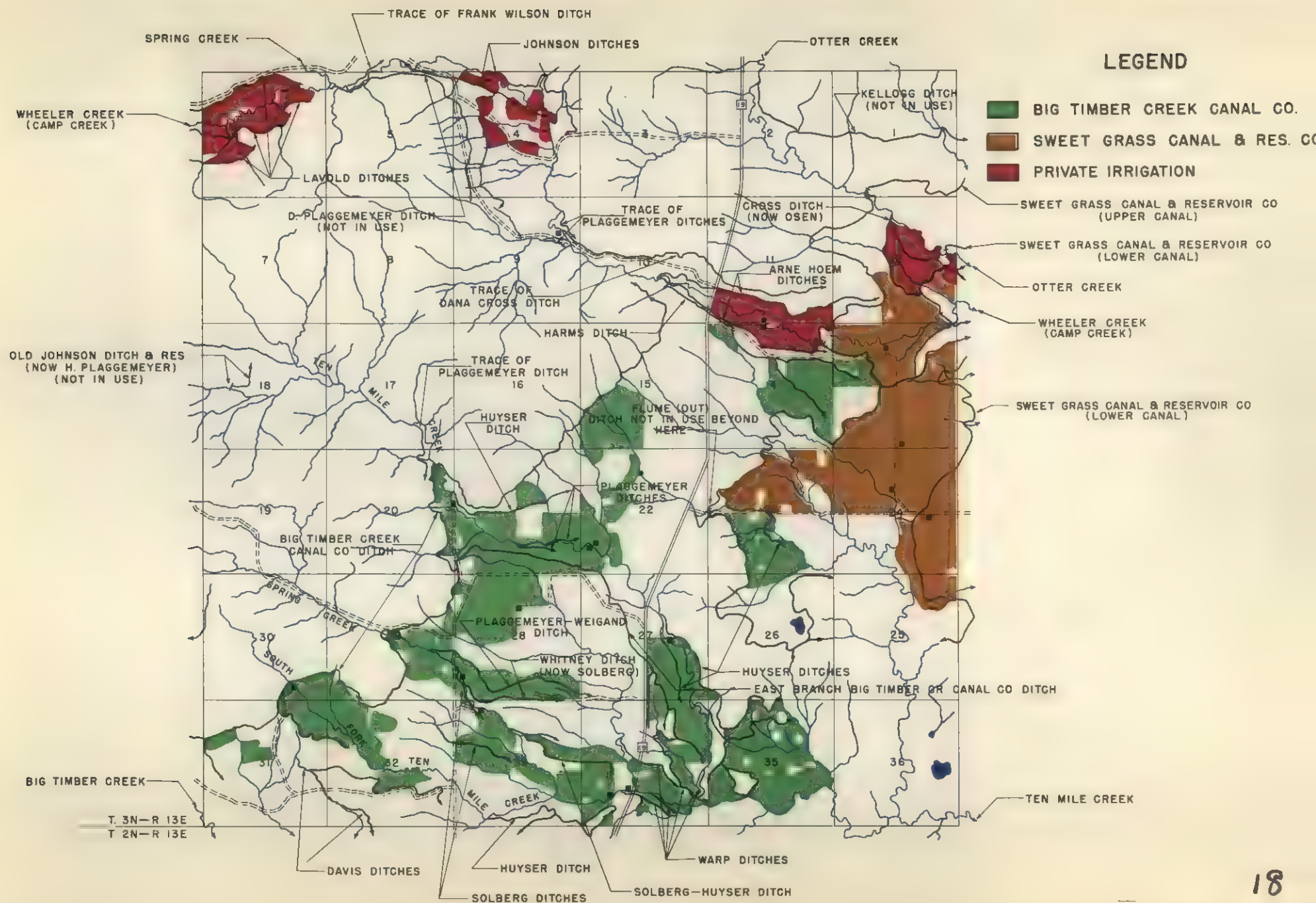


PRIVATE IRRIGATION

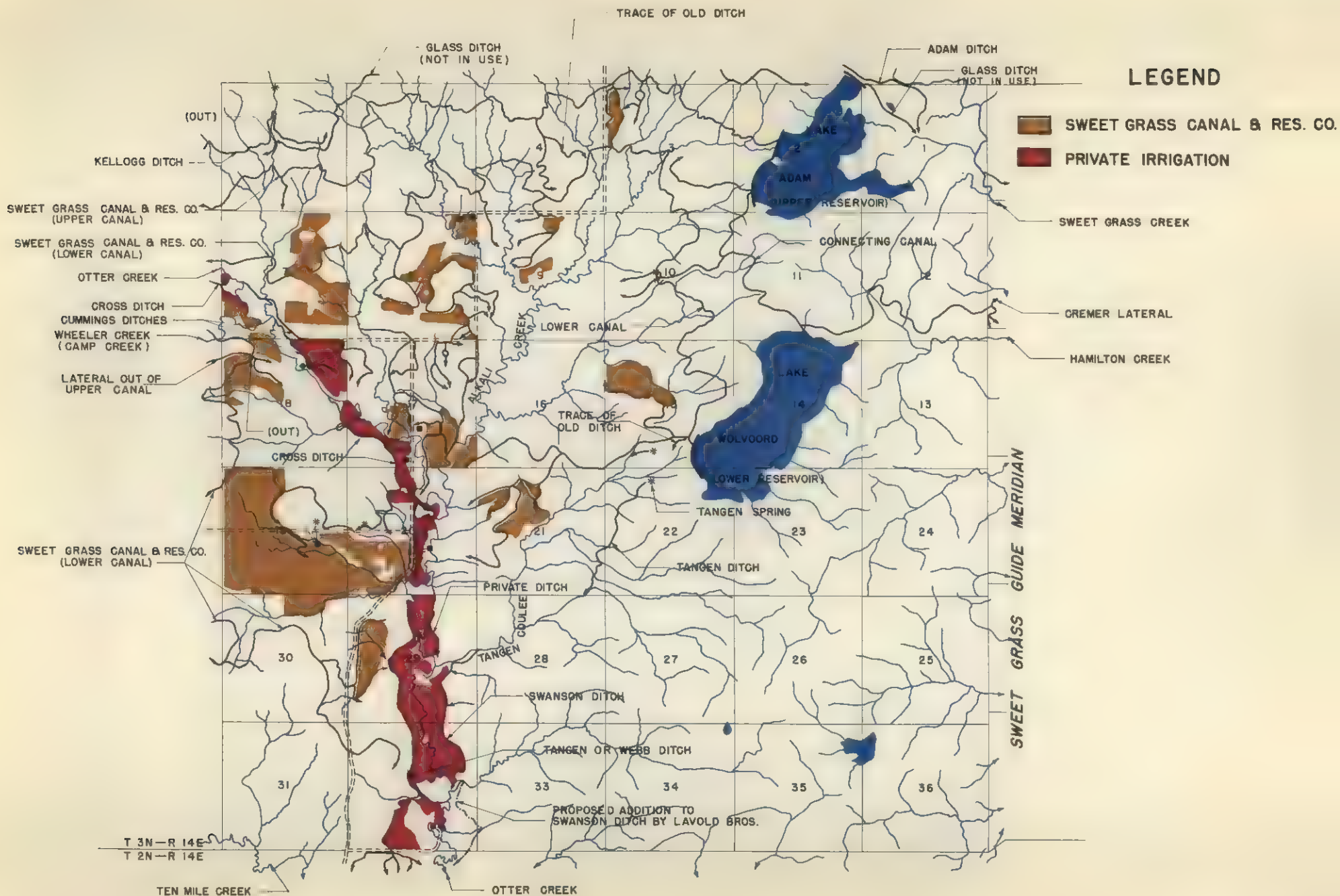






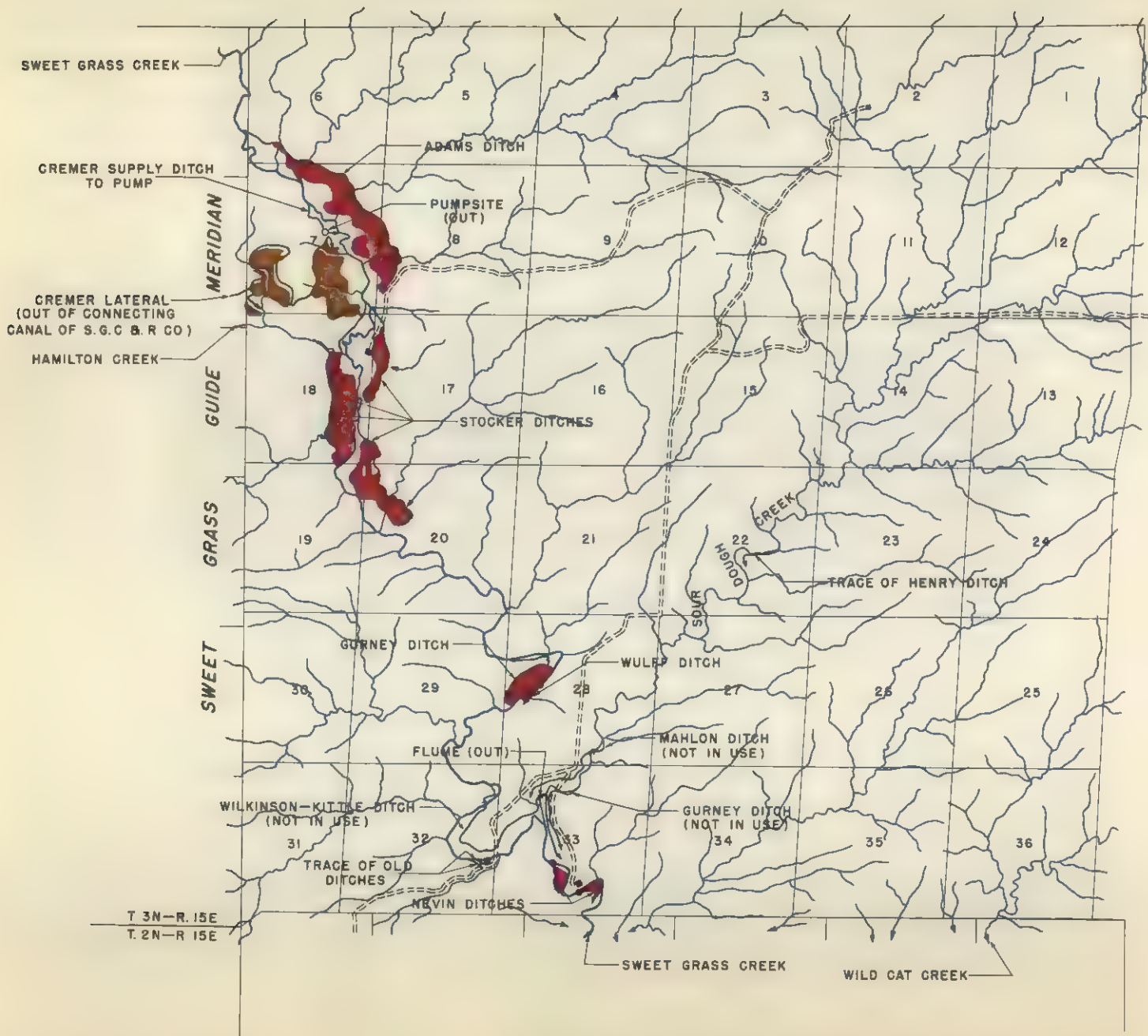






LEGEND

-  SWEET GRASS CANAL & RES. CO.
-  PRIVATE IRRIGATION





Township No. 3 NORTH

Range No. 18 EAST

County SWEET GRASS

T. 3 NORTH

R. 18 EAST

GOLDEN VALLEY COUNTY

BIG COULEE CREEK

FORSYTHE DITCHES  
(NOW LEO CREMER)  
(NOT IN USE)

GIBSON RANCH

RYE DITCH  
(NOW LEO CREMER)  
(NOT IN USE)

BIG COULEE CREEK

CREEK

WHITNEY DITCHES  
(NOW L. BURMEISTER)  
(NOT IN USE)

SINSHOOTER

WOORUM DITCHES  
(NOW L. BURMEISTER)  
(NOT IN USE)

CREEK

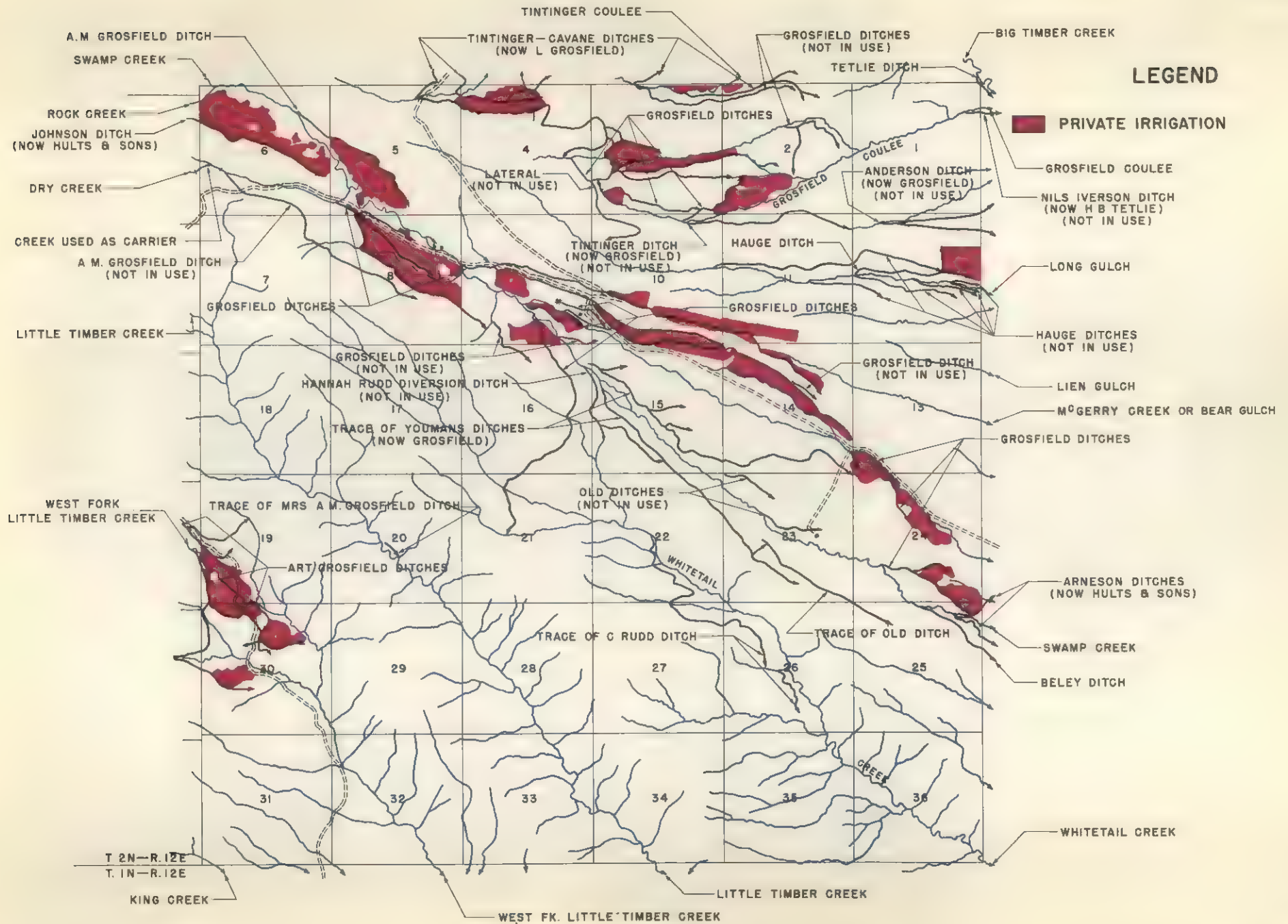
CEDAR CREEK

STILLWATER  
COUNTY

T. 3N-R. 17E  
T. 2N-R. 17E

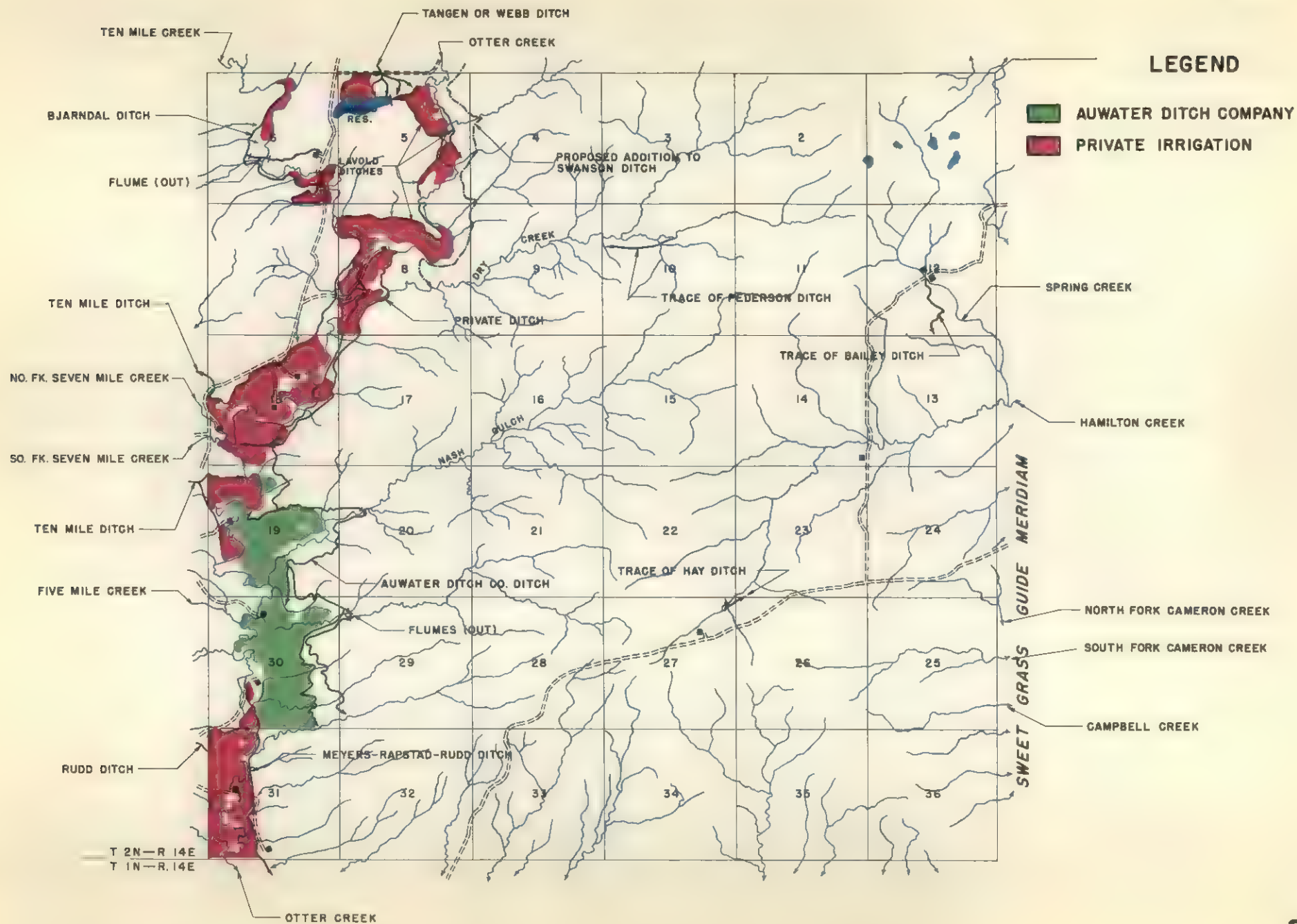


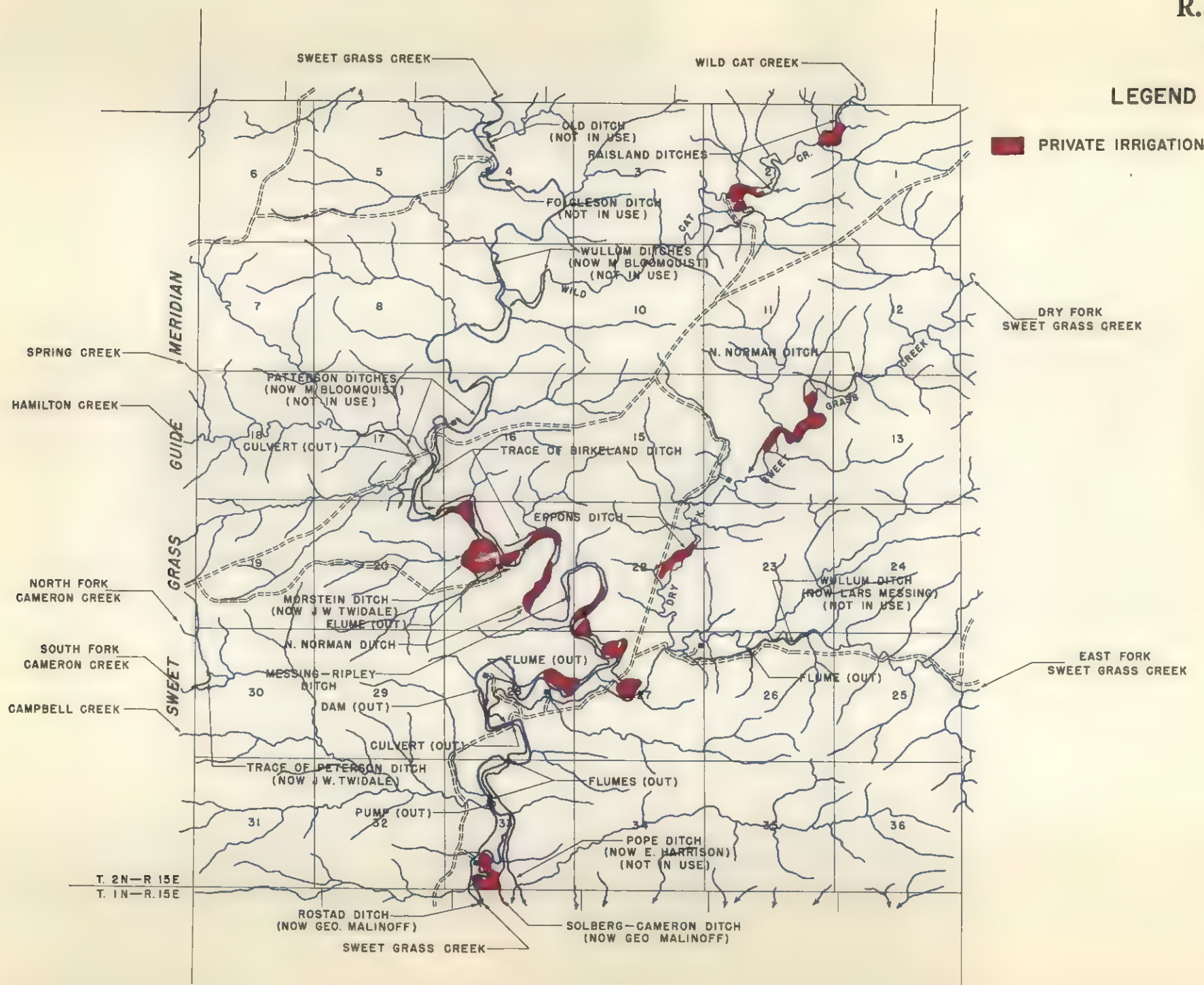






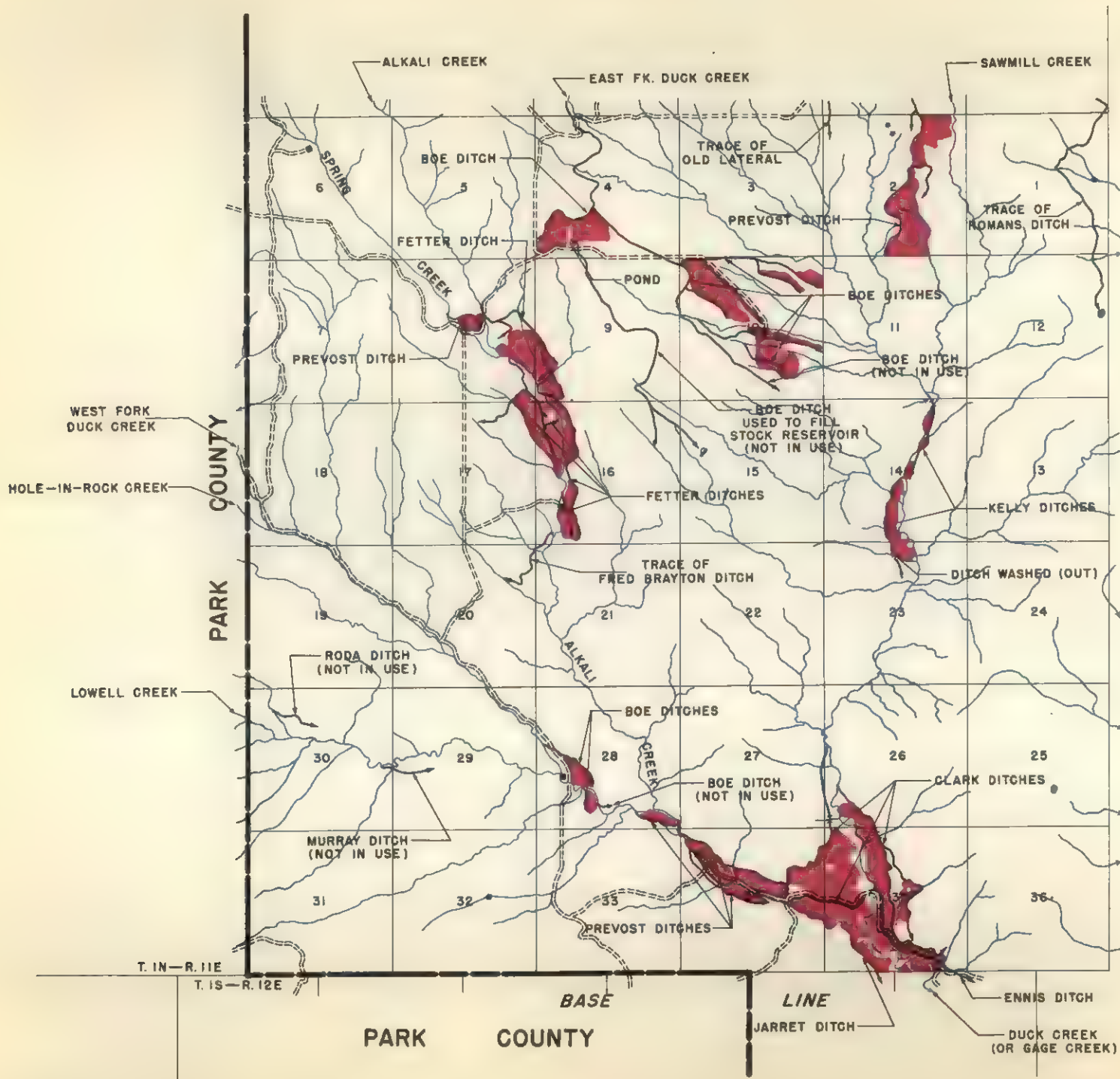




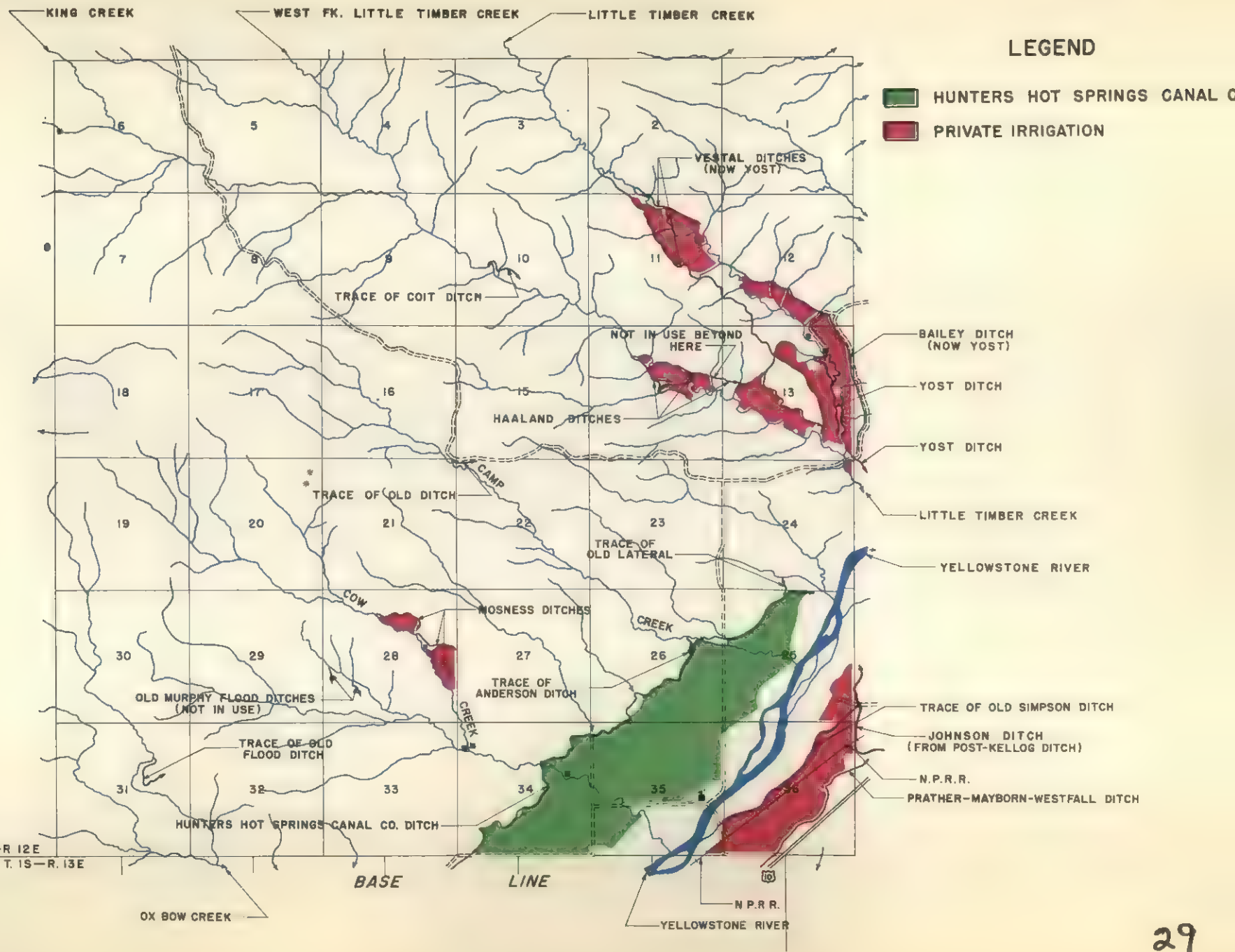






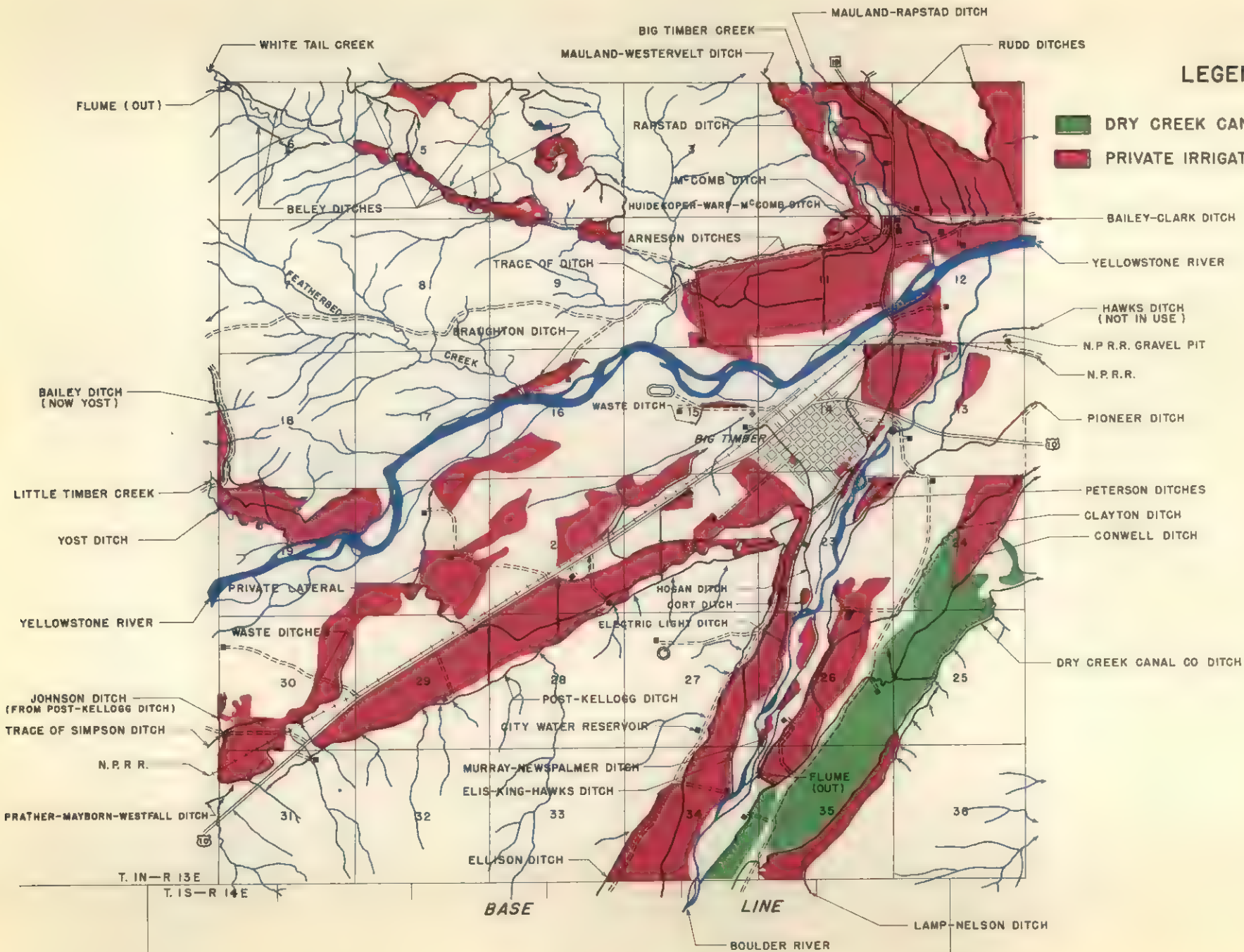




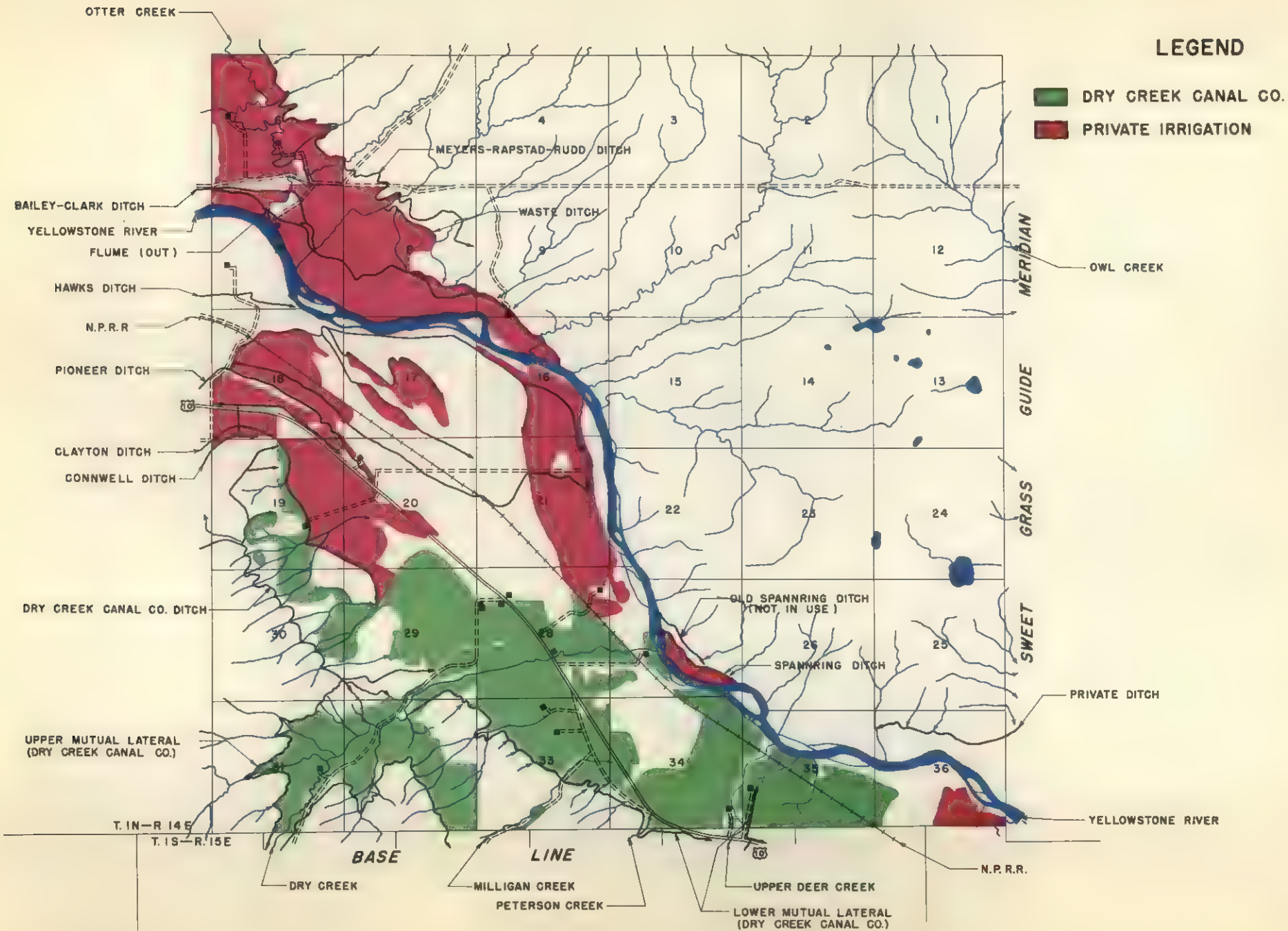


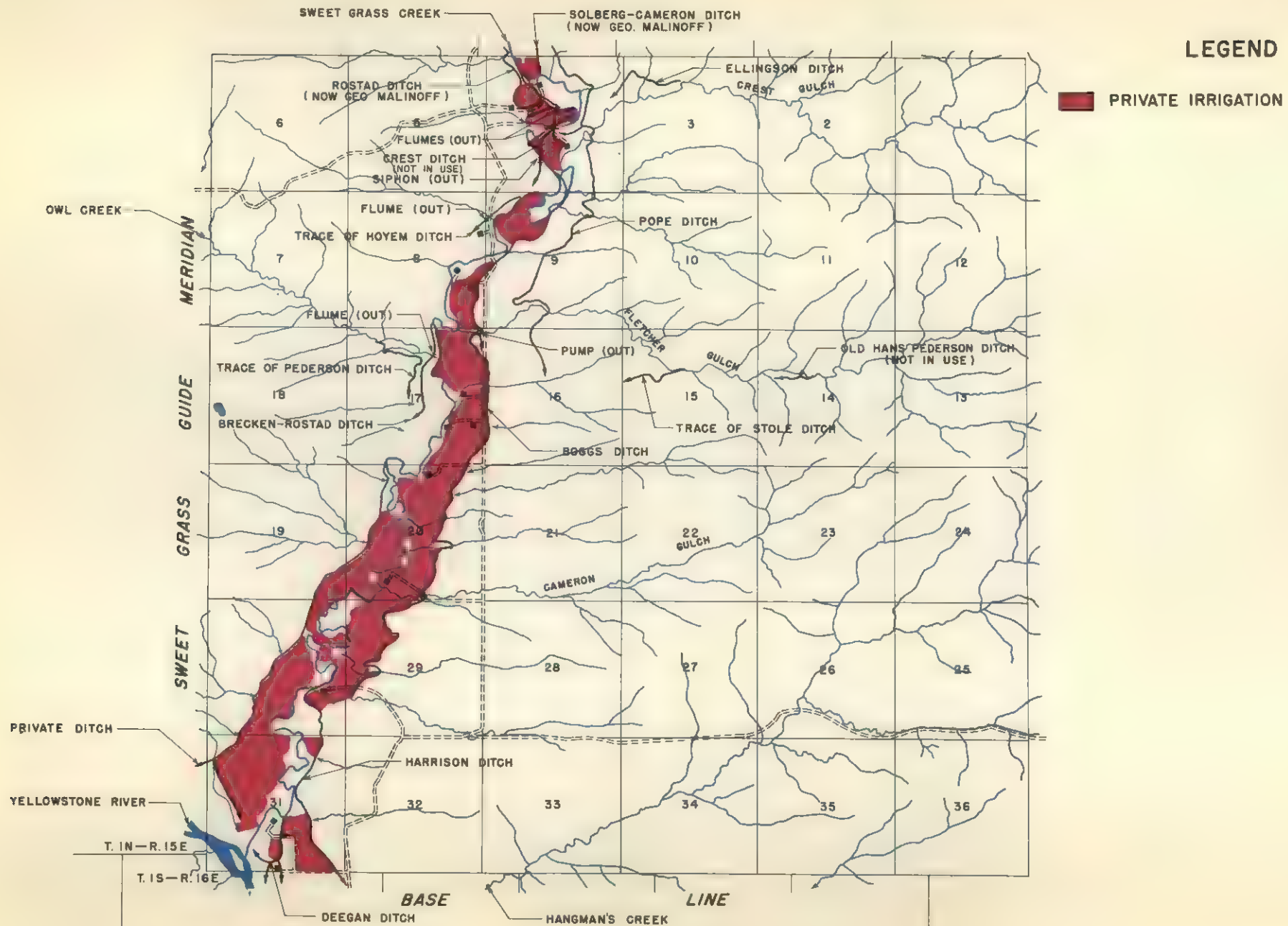
## LEGEND

 DRY CREEK CANAL CO.

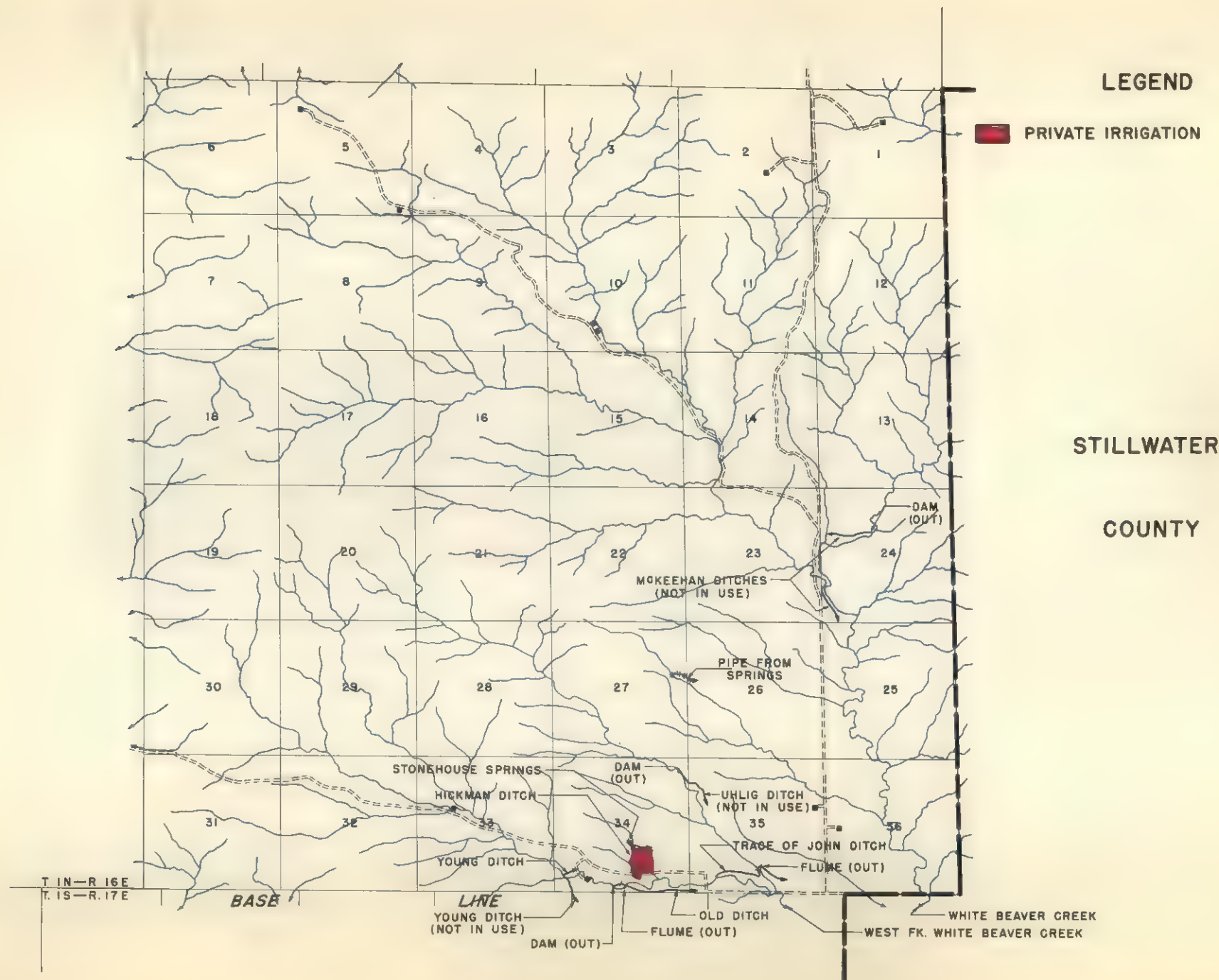
 PRIVATE IRRIGATION


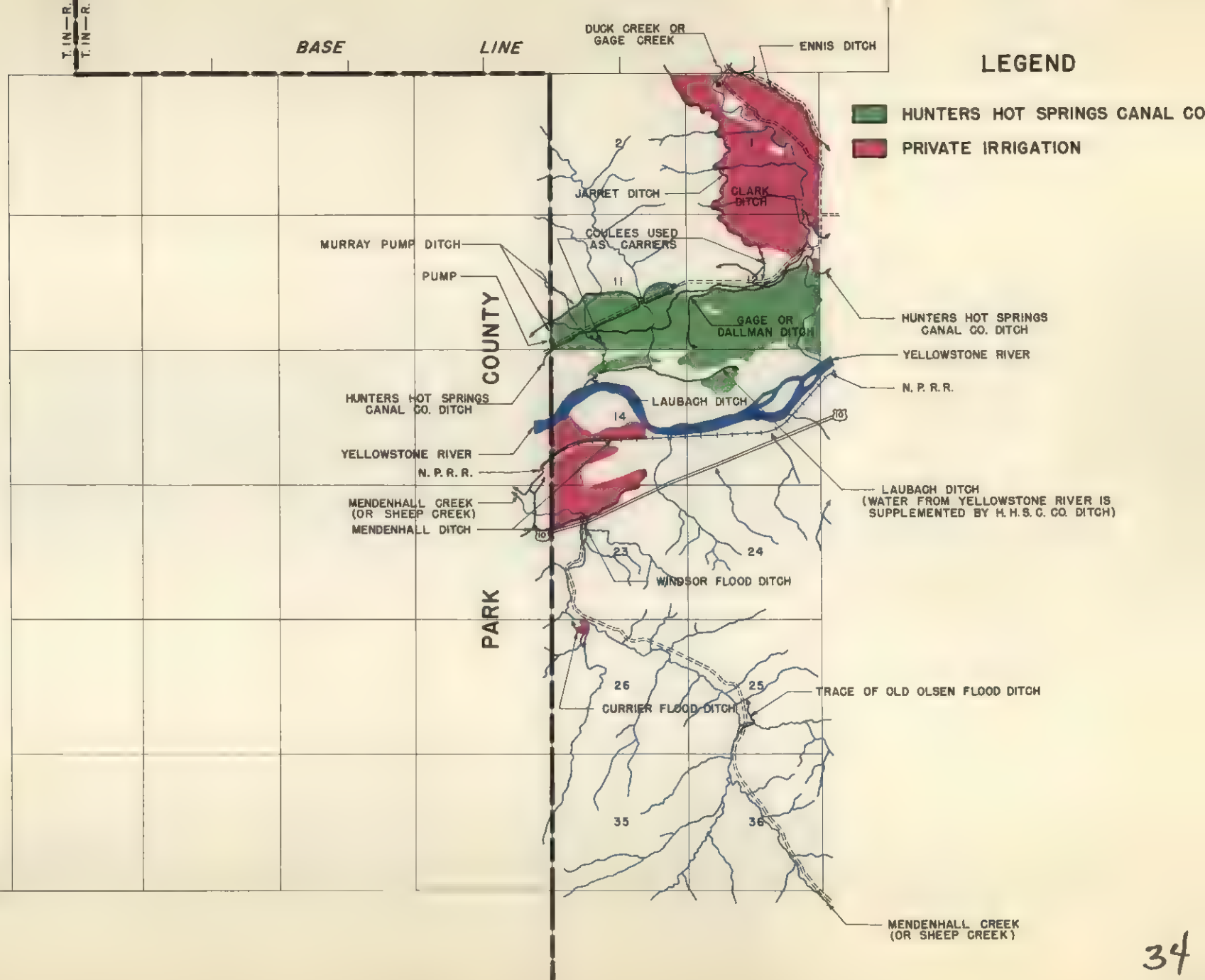




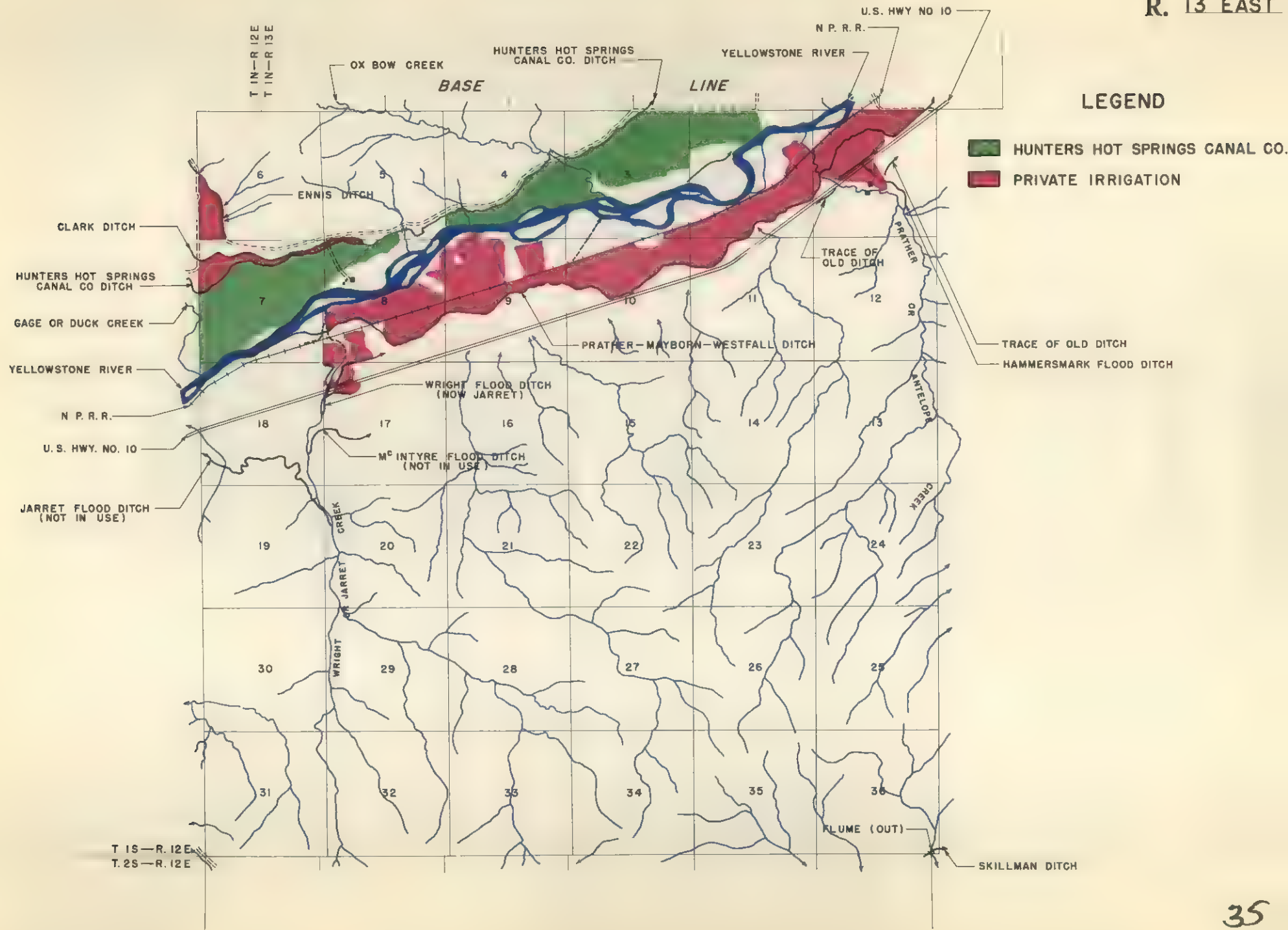












Township No. 1 SOUTH

Range No. 14 EAST

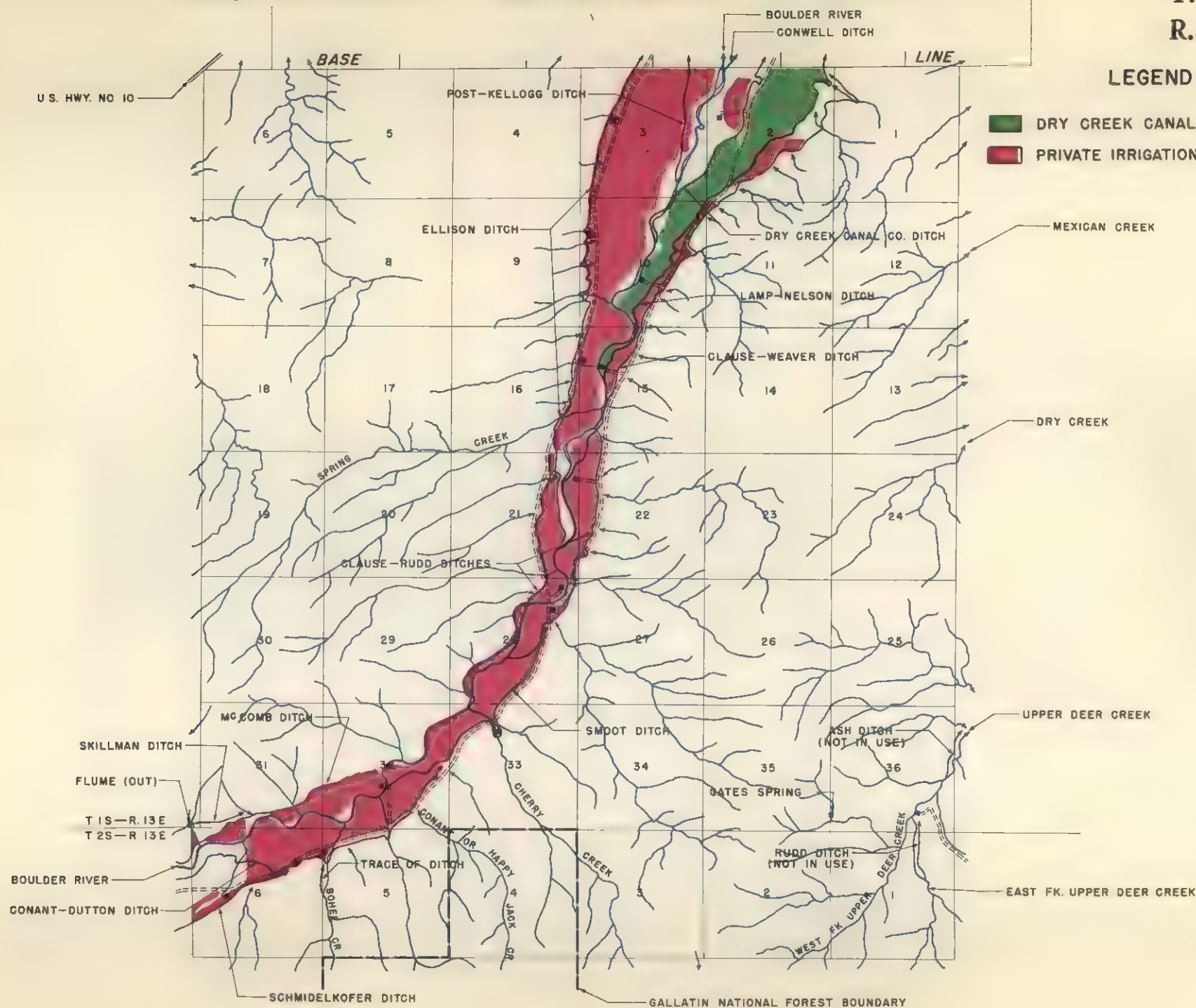
County SWEET GRASS

T. 1 SOUTH

R. 14 EAST

# LEGEND

- DRY CREEK CANAL CO.
- PRIVATE IRRIGATION





Township No. 1 SOUTH

Range No. 15 EAST

County SWEET GRASS

T. 1 SOUTH

R. 15 EAST

LEGEND

 DRY CREEK CANAL CO.

 PRIVATE IRRIGATION

LOWER DEER CREEK

U S HWY NO. 10

SPRING CREEK

COSGRIFF DITCH

MEXICAN CREEK

DRY CREEK

ASH DITCH  
(NOT IN USE)

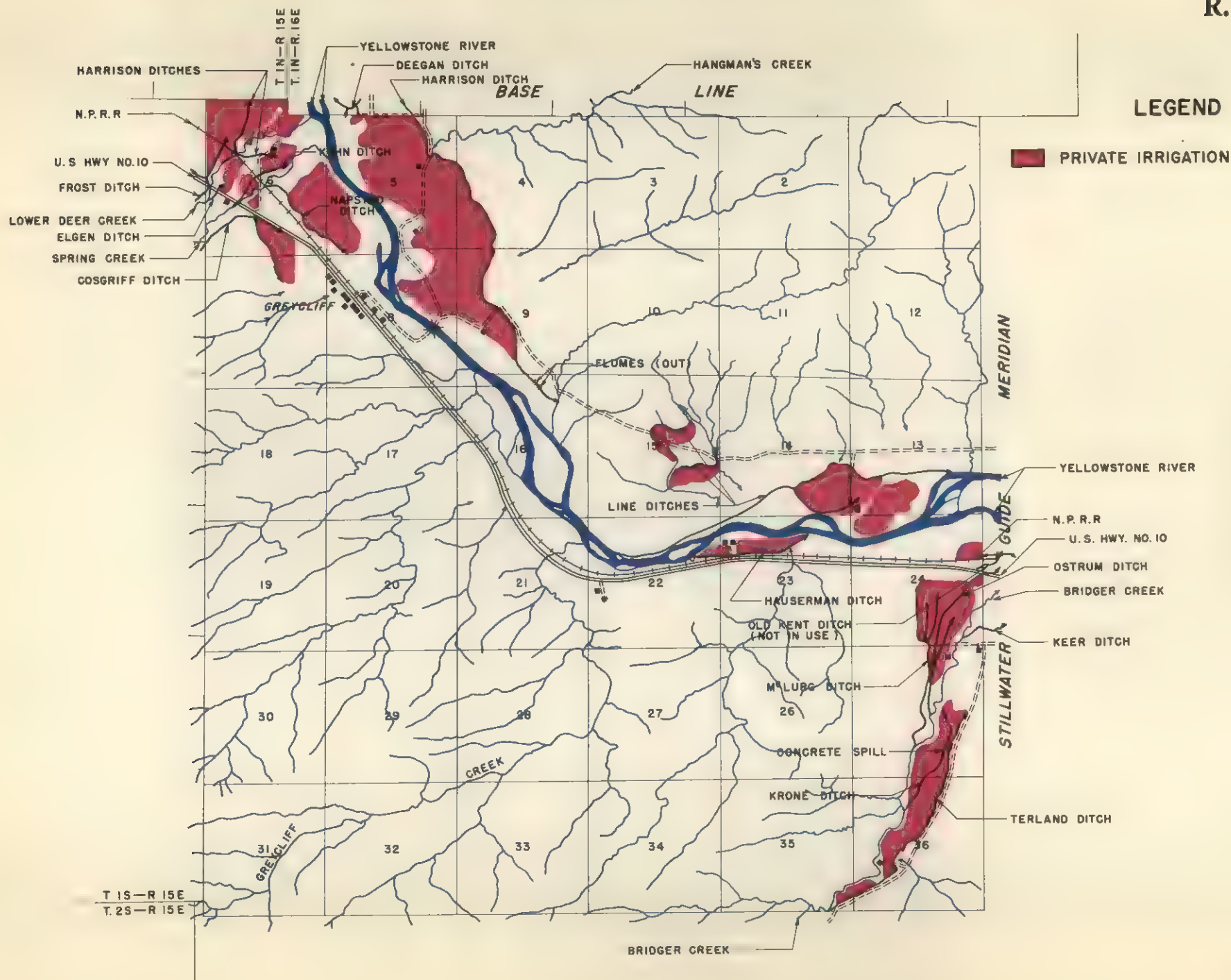
UPPER DEER CREEK

T 1 S - R 14 E  
T 2 S - R 14 E

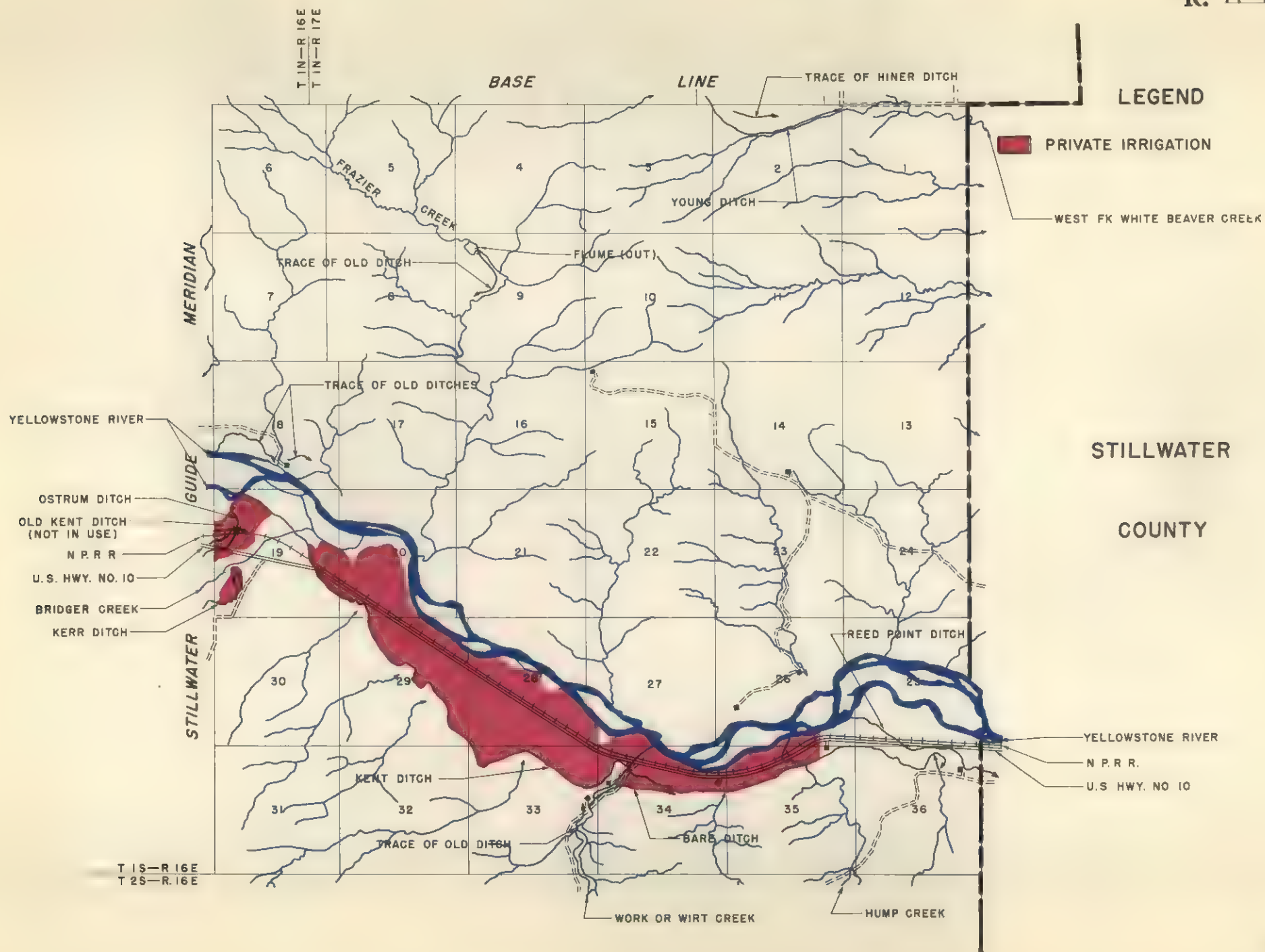
GREYCLIFF CREEK

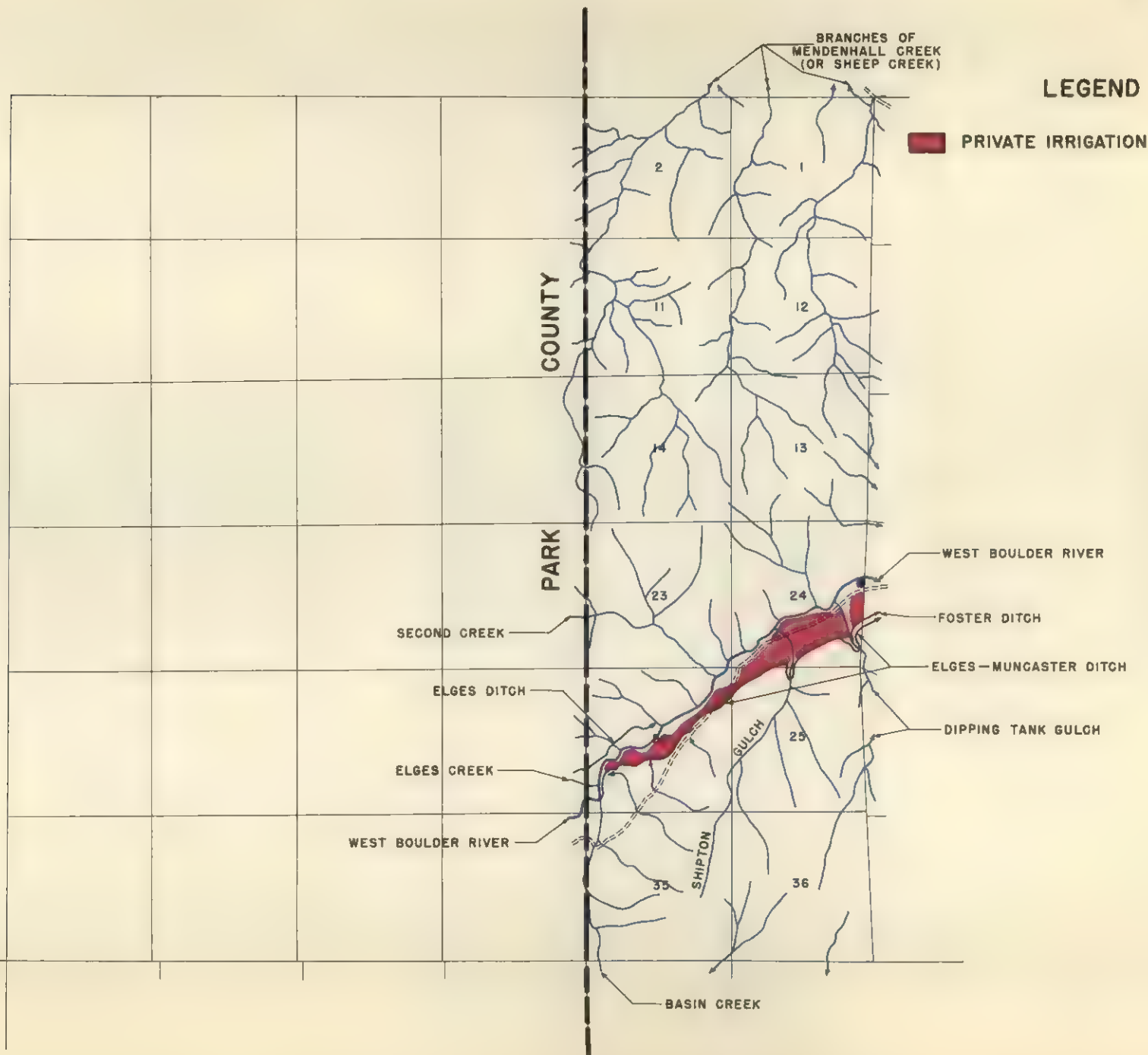
T 1 S - R 16 E  
T 2 S - R 16 E



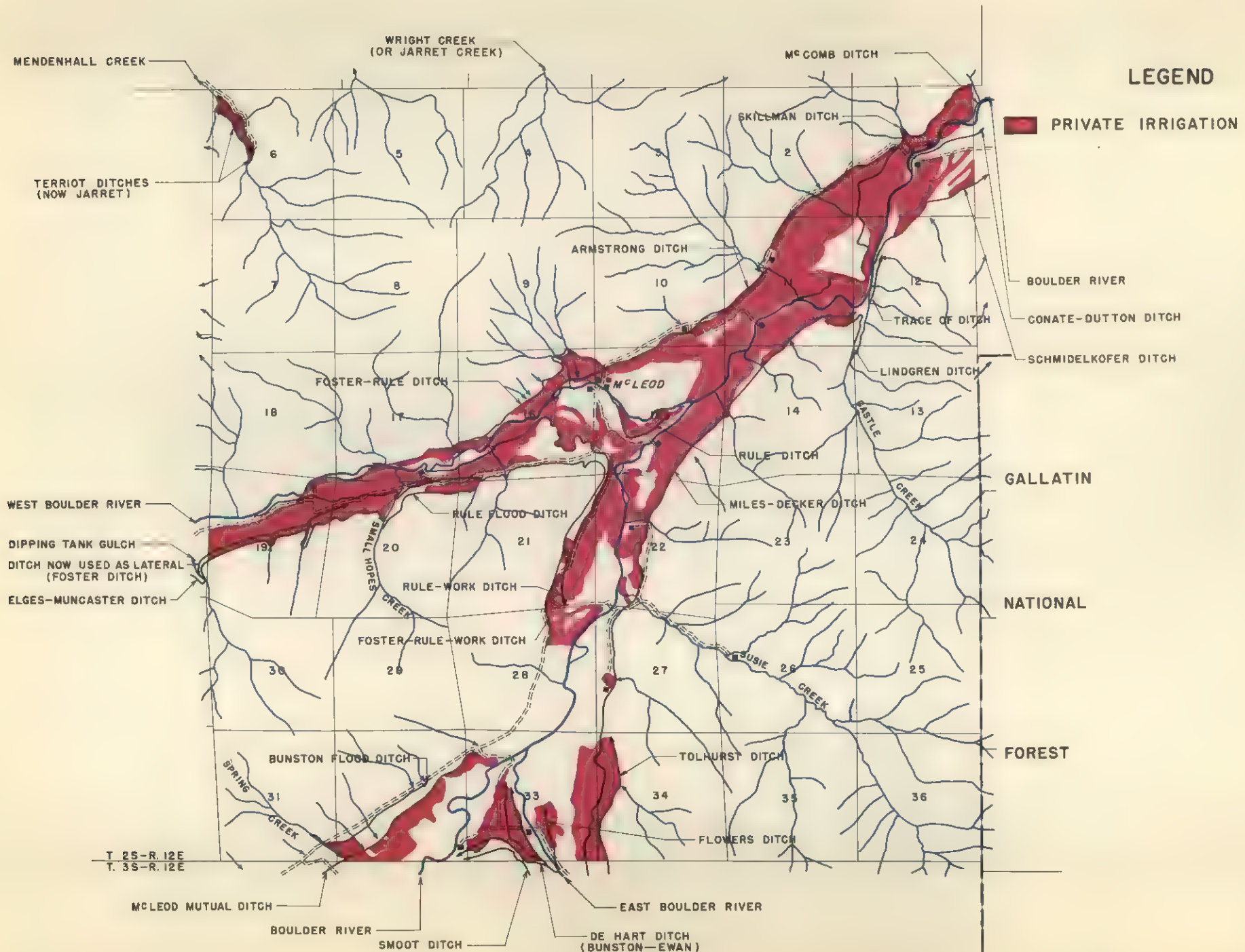












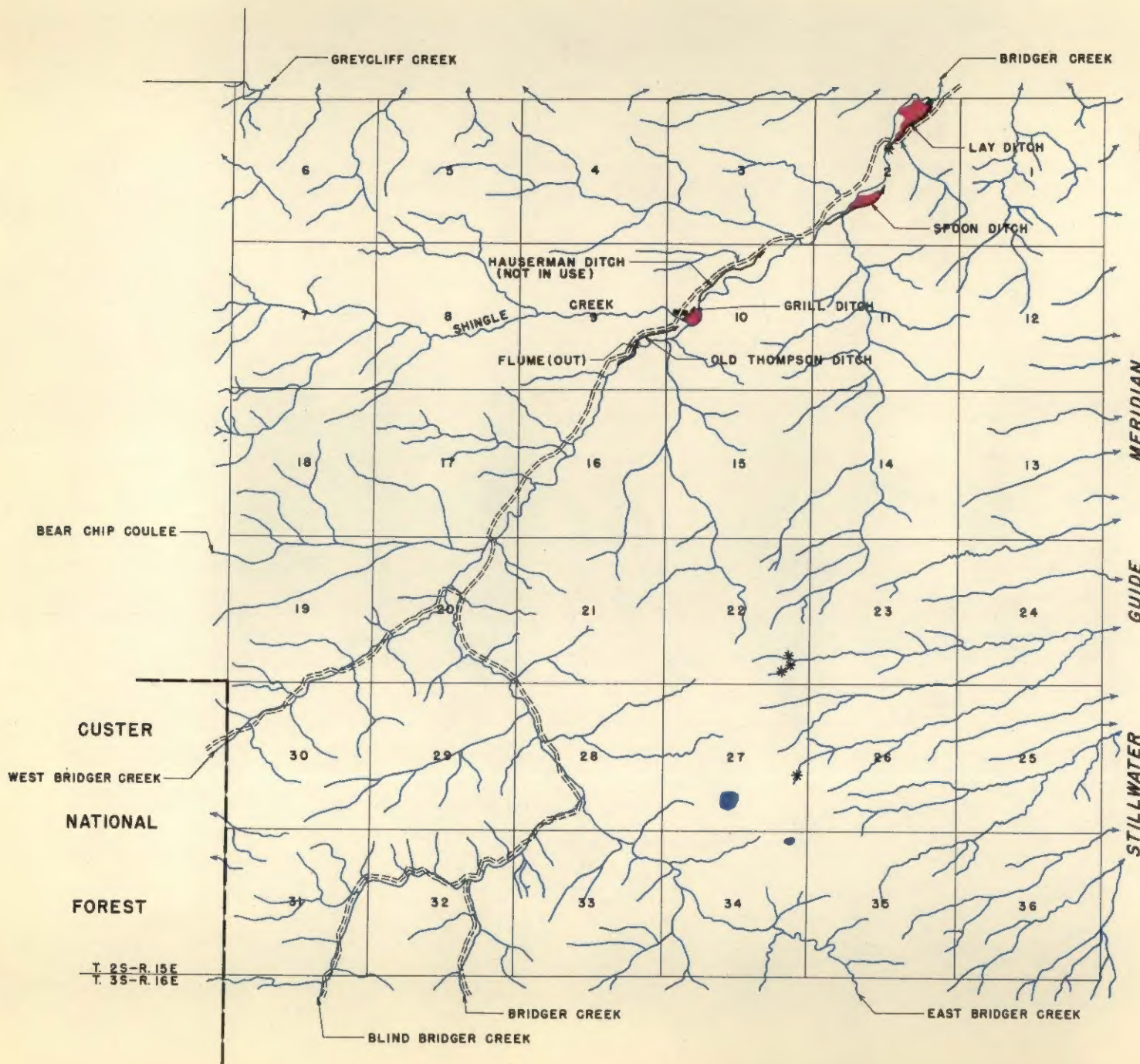
Township No. 2 SOUTH

Range No. 16 EAST

County SWEET GRASS

T. 2 SOUTH

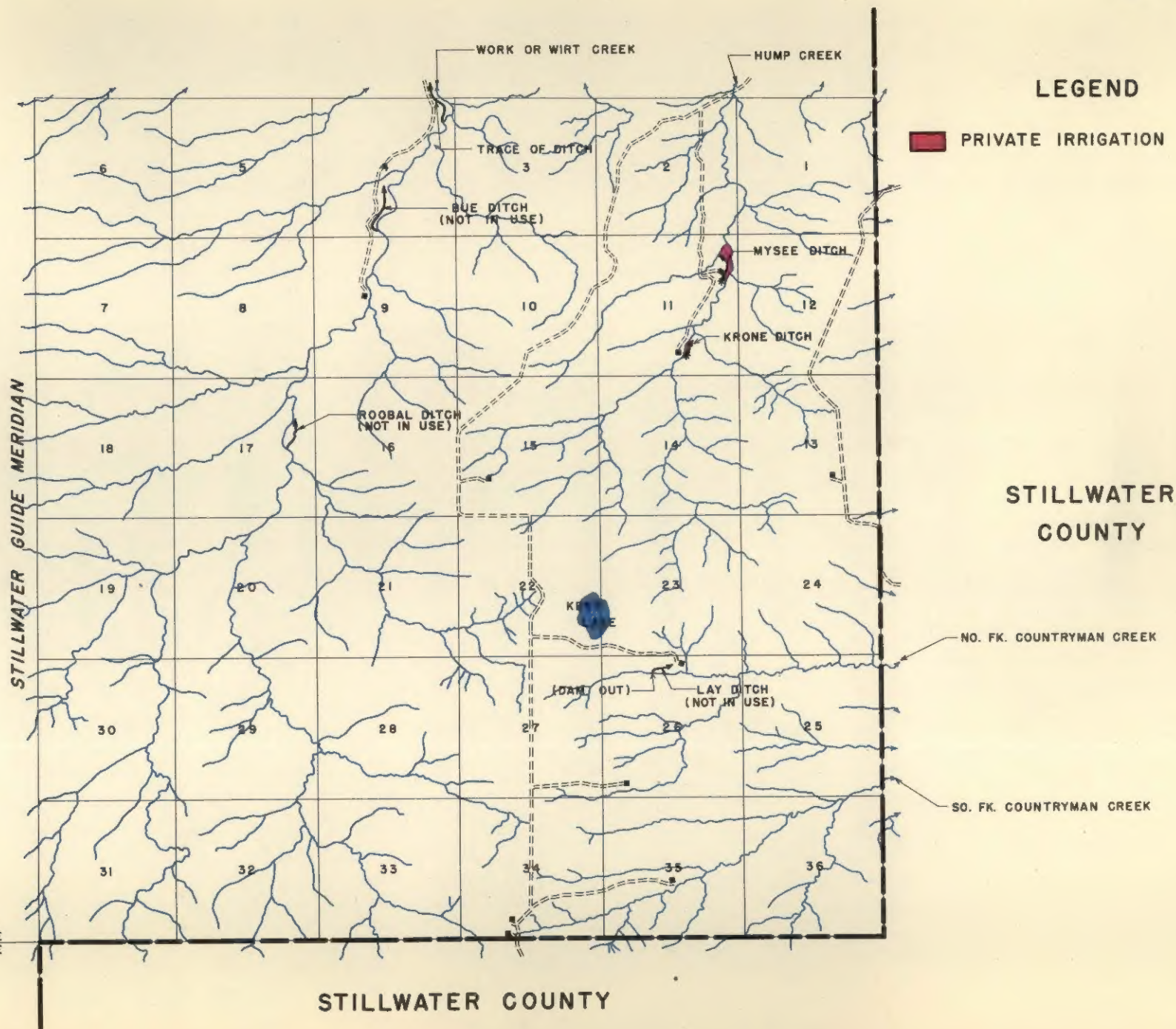
R. 16 EAST



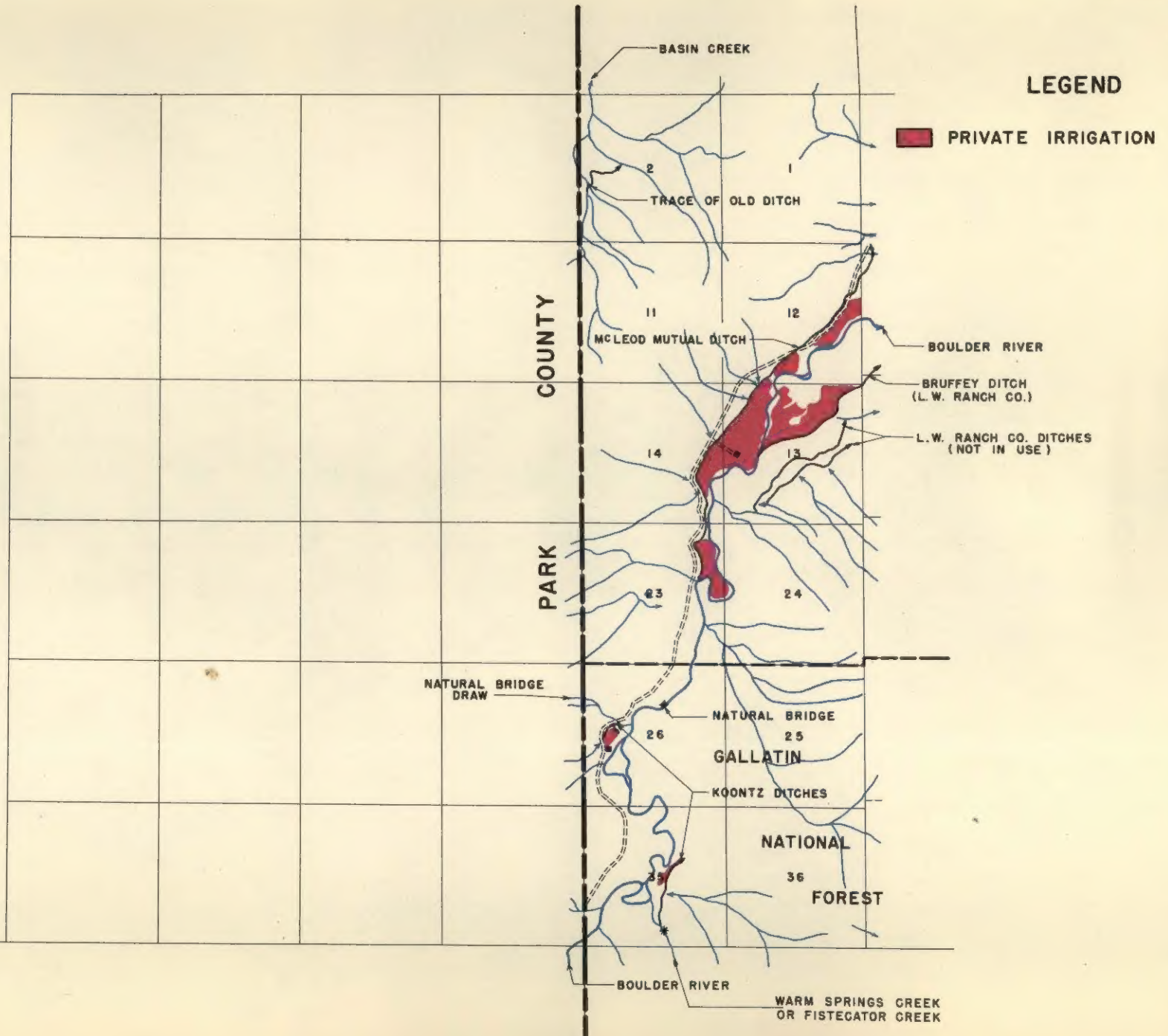
# LÉGEND

PRIVATE IRRIGATION









Township No. 3 SOUTH

Range No. 13 EAST

County SWEET GRASS

T. 3 SOUTH

R. 13 EAST

